NASA SP-3047

TWO-MICRON SKY SURVEY

A Preliminary Catalog

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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The main data section in this second printing has been repaginated so that tables are facing as indicated on pages 11 and 12.

August 1969

On file is a computer tape of the Two-Micron Sky Survey Catalogue.

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TWO-MICRON SKY SURVEY

A Preliminary Catalog

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FOREWORD

This catalog, giving sources of emission in the 2.2μ region for over 5000 stars, represents a systematic survey of the Northern Hemisphere for stars brighter than third magnitude. It is a prominent step forward for researchers in this rapidly advancing field and will be of great assistance to astronomers throughout the world.

The National Aeronautics and Space Administration is interested in extending observations to spectral regions available only above the atmosphere and at the same time encouraging the extension of ground-based observations in new spectral regions to the extent that useful results can be obtained below the atmosphere. We, therefore, take pleasure in coordinating with observers using telescopes on the ground and in assisting with the publication of this catalog.

John E. Naugle
Associate Administrator for
Space Science and Applications

December 1968

ACKNOWLEDGMENTS

A great many people contributed to the survey at one time or another. It would be impossible to fully acknowledge each person's contribution. The telescope was constructed largely with the assistance of David L. Vail. More than one-half of the data was taken by Gordon S. Forrester. Among the Caltech undergraduate students who helped in the construction, operations, and analysis were: Harvey R. Butcher, Gary O. Fitzpatrick, Edward J. Groth, Kenneth S. Hultman, Joseph D. Kinkade, Dan McCammon, Andrew D. McKay, Jerry E. Nelson, Douglas D. Osheroff, Ronald S. Remmel, B. Thomas Soiffer, Craig Spencer, and Henry S. Tye. Graduate students who worked on the survey were Eric E. Becklin, Theodore Hilgeman, and especially Evan E. Hughes; the statistical analyses of the data of the survey form a portion of Hughes' Ph.D. thesis. Research fellows Dowell E. Martz and James A. Westphal made important initial contributions to the instrumentation of the survey; Bruce T. Ulrich initiated the analysis procedure. The strip chart recordings were digitized by Annamaria Dienes, Linda Schofield, and Jantina Wesseling, and the data handling was done in turn by Patricia S. Kuhi, Ann C. Gee, Patricia A. Longworth, and Judith D. Bennett. Mary L. Edwards and Linda K. Murphy provided secretarial help. It is a great pleasure to thank all of these people for their help in this survey. We especially thank Mr. Edward J. Groth who undertook a major portion of the responsibility for the reduction of the survey data to its final form.

The lead sulfide cells, which remained operational throughout the survey, were purchased from the Santa Barbara Research Center. A preliminary, edited version of the *Smithsonian Astrophysical Observatory Star Catalog* was generously provided by Messrs. Russell G. Walker and Anthony P. D'Agati of A.F.C.R.L. Dr. Harold L. Johnson kindly provided us with a card listing of his measurements. The cooperation of the Mount Wilson Observatory through its director, Dr. Horace W. Babcock, and the mountain superintendent, Mr. Benjamin Traxler, is gratefully acknowledged.

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TWO-MICRON SKY SURVEY

In 1965 an infrared sky survey was initiated by the California Institute of Technology. The purpose of the survey was to obtain an unbiased sample of celestial objects that emit in the infrared region and to study their characteristics. Such properties as apparent intensities, colors, variability, and spatial distributions were of primary interest. In addition, it was expected that objects having extreme redness might be found and, if so, would be of great interest.

This catalog contains a complete listing of all objects detected on the survey that had a flux density at 2.2μ exceeding approximately 4×10^{-25} W m^{-2} Hz^{-1}.

GENERAL DESCRIPTION

The survey was carried out with a telescope at Mount Wilson, Calif. having a 62-inch diameter and an f/1 aluminized epoxy mirror mounted equatorially. Radiation at an effective wavelength of 2.2μ was detected by lead sulfide photoconductive cells cooled by liquid nitrogen and located at the prime focus of the mirror. Eight lead sulfide cells, each subtending about 10′ north-south by 3′ east-west, were arranged in an array whose overall dimensions were 40′ north-south and 6.5′ east-west (fig. 1). The effects of terrestrial background radiation were minimized by vibrating the mirror at 20 hertz so that an image of a point source oscillated in the east-west direction and fell alternately on one or the other of two adjacent cells. Only the alternating signal was amplified, thus eliminating the

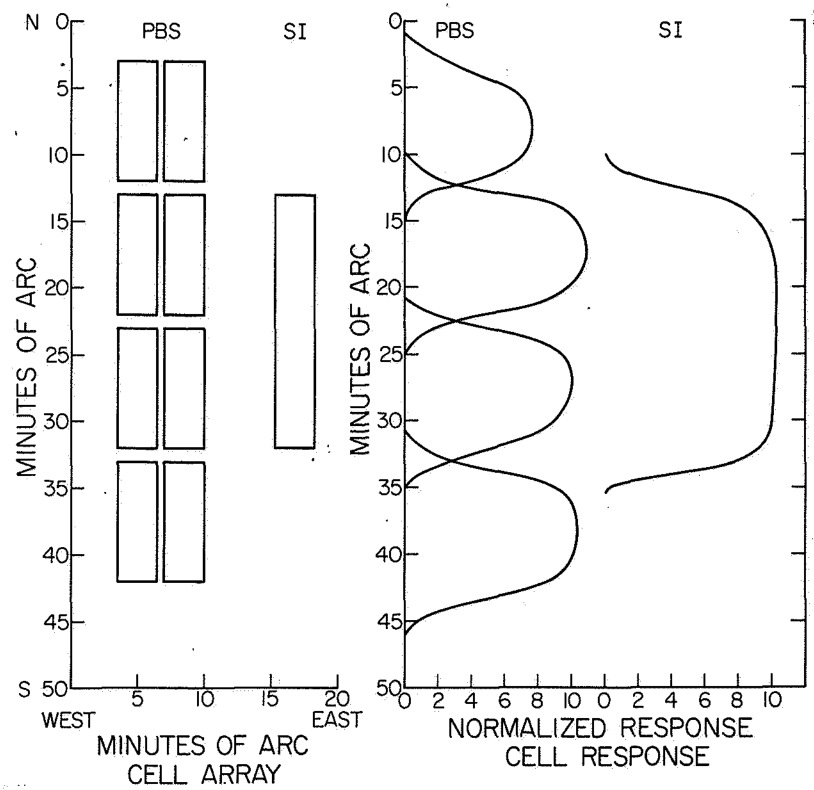

Figure 1.–The geometry of the cell array and the normalized cell response as measured at the telescope are shown. The latter was measured bidaily to monitor possible variations in the cell sensitivity.

nonvarying background. It should be noted that this method of chopping effectively measures the second derivative of the source intensity and thus discriminates against smoothly varying extended sources.

In addition to the 2.2μ detector array, radiation at an effective wavelength of 0.84μ was detected by a single silicon photovoltaic cell which subtended a rectangular area of the sky 20′ north-south by 3′ east-west, centered 10′ to the east of the central two pairs of lead sulfide cells (fig. 1).

The signals from the four pairs of lead sulfide cells and from the silicon cell were amplified, synchronously detected, and displayed on separate tracks of a strip chart recorder, along with marker pulses indicating the right ascension of the telescope at the time of observation (fig. 2). The amplifier gains were maintained at such a value that a full-scale deflection corresponded to a signal approximately 40 times the system noise level. This 40-to-1 range was increased by a factor of 10 by displaying the sum of all five signals attenuated by a factor of 10 on a sixth recorder channel.

During survey operations, the telescope automatically scanned a raster pattern made up of right ascension sweeps, at 18 times sidereal rate, between hour angles of -30^m to $+30^m$. After each sweep the telescope was advanced northward 15′ in declination and then reversed in sweep direction. Alternating sweeps were continued for approximately 50 minutes until a net declination change of $3^\circ30'$ was reached. After either two or three calibration stars were recorded to check the sensitivity of the system, the telescope was reset manually to the starting declination. Thus, in a full night, a band of sky covering a range of 8^h to 12^h in right ascension and $3^\circ30'$ in declination was surveyed. For declinations north of $+56^\circ$, the sweep rate was raised to 36 times sidereal rate and a band $6^\circ30'$ in declination was scanned.

The strip chart recordings were digitized for processing with the IBM 7094 computer of the Caltech computing facility. Each night's data were processed to combine the signal "peaks" observed on the various cells (fig. 2) into individual "stars," to compute the magnitude of each star, and, by comparison with stars in the *Smithsonian Astrophysical Observatory Star Catalog*, to evaluate and correct for telescope misalinement and missetting. Although the blur circle of the telescope was approximately 3′ and the detector dimension exceeded 3′, coordinates could be determined to better than 1′ by combining the several sightings of a star as it passed over the cell array (fig. 1). For the rest of this introduction, the result of the above processing will be called as a single measurement of any individual source.

The data of each night were subsequently combined with those of all other nights into a single catalog. In this process the results of each measurement were treated as independent data.

The wavelength response at 2.2μ was defined by the use of an interference filter with half-transmission points at 2.0 and 2.4μ. The resultant response defines a system that is in close agreement with the K-magnitude system established by Johnson (1962, 1964). The survey magnitude scale was established by comparison with observations published by Johnson (1964); no color correction has been applied.

The minimum detectable 2.2μ signal observable under survey conditions has a K magnitude between 4.0 and 4.5. The maximum signal that could be recorded has a nominal K magnitude between -1.5 and -2.0. This maximum measurable signal varied partly because of seasonal variations in the responsivity of the detection system and partly because of interference between bright 0.84μ signals and bright 2.2μ signals when both were observed on the 10-time attenuated output.

The wavelength response of the 0.84μ system was defined by a Kodak No. 70 Wratten filter, which passed energy of wavelengths greater than 0.7μ, and by the long wavelength cutoff of the silicon cell at 1.0μ. The resultant system is in agreement with that used by Kron, White, and Gascoigne (1953). The latter system was used to set the survey I magnitude scale although comparisons could be made only over a fairly restricted range of spectral classes. The I magnitudes which could be measured range from 2 to 10.

Because the stars tabulated by Kron et al. (1953) and Johnson (1964) cover a large magnitude range and are not uniformly distributed over the sky, a uniformly distributed network of 450 secondary standards whose magnitudes were within the survey magnitude range was established. For these stars typically $0.8 < K < 2.0$ and $2.5 < I < 3.8$. Eighty percent of the standards have colors corresponding to a color index I-K between 1.3 and 2.6. At monthly intervals during the time of operation, an entire night would be devoted to measuring all accessible secondary standards as well as the stars of Johnson (1964) and Kron et al. (1953) to insure the constancy of the secondary standards. As a further check, the spectral response of the detector system was measured with a laboratory double-prism monochromator on a bimonthly basis throughout the survey.

During each hour of survey, at least two of these secondary standards located near the area being surveyed were observed and were used to calculate the instrumental sensitivity for that night. Nights for which the derived sensitivity showed fluctuations whose standard deviation exceeded

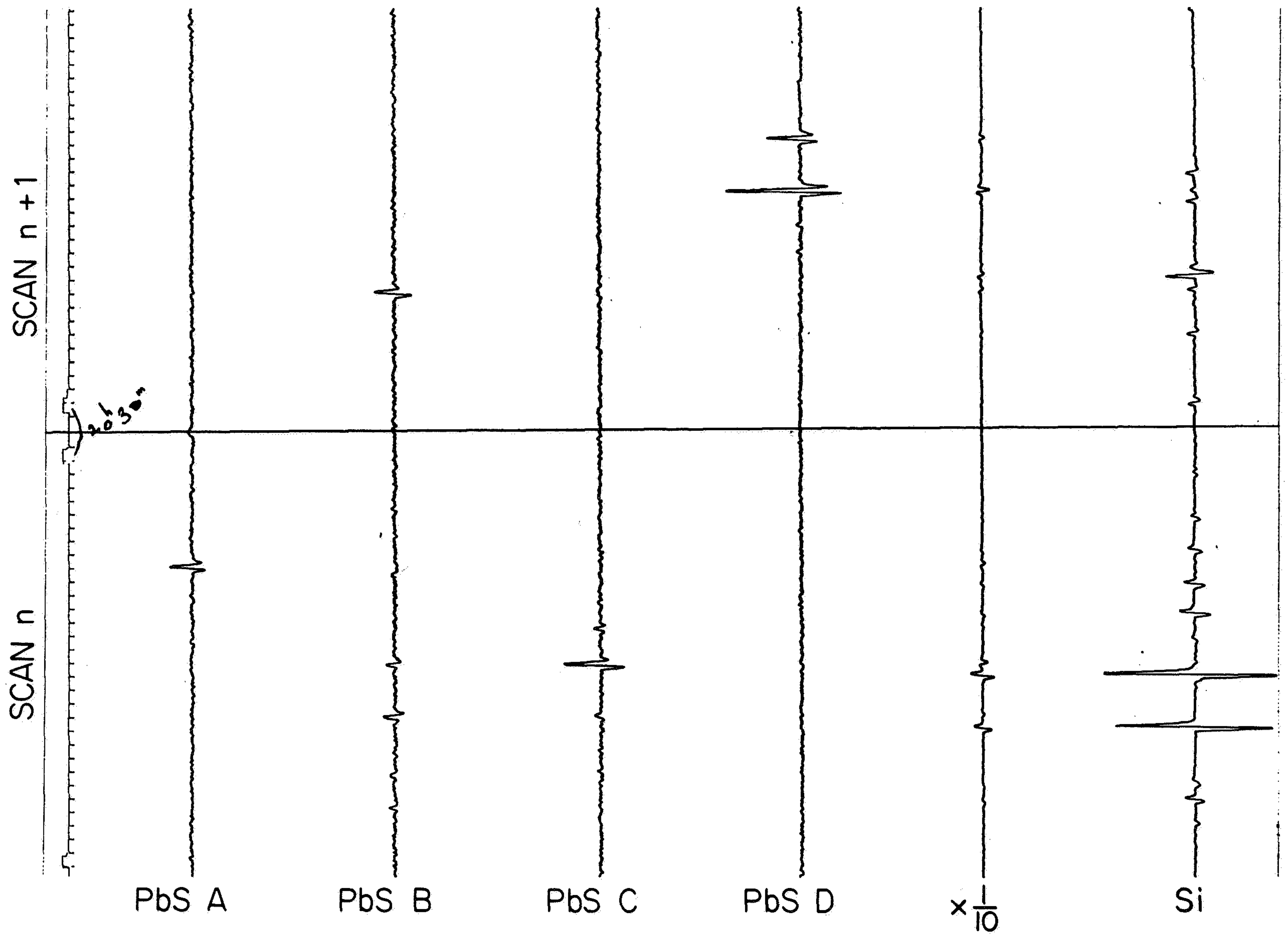

Figure 2.–A typical section of the strip-chart recording is shown. The marks to the left designate each minute of right ascension. The peaks on the lead sulfide cells resemble, because of the chopping mode, the second derivative of a spike function; peaks on the silicon cell resemble the first derivative of a spike. A star is seen on lead sulfide A 10^m before the end of scan n and then again 10^m after the start of scan n+1 on lead sulfide B. The 0.84μ signal for this star appears offset by approximately 1^m on scan n+1 on the silicon channel. The latter signal is also seen, attenuated by a factor of 10, on the X 1/10 channel.

approximately 7 percent were rejected from the data. The average standard deviation for *nights which were accepted* was approximately 3 percent.

A correction of 0.1 magnitude/air mass was applied to each star to account for the extinction in the Earth's atmosphere. The dependence of extinction on air mass could not be determined using the 62-inch survey telescope because the range of hour angles for which observations could be made was too small. Thus, the form of the extinction law was found by a comparison with those stars measured by Johnson, Mitchell, Iriarte, and Wisniewski (1966). An *independent check* of the average extinction law was made with the 24-inch telescope on Mount Wilson using detectors filtered to have wavelength responses similar to those of the survey detectors.

After the catalog was completed, a comparison of the survey K and I magnitudes and those of Johnson et al. (1966) and Kron et al. (1953) was made. These comparisons are shown in figures 3 to 8.

THE SURVEY

The data represented in the present catalog were obtained from January 30, 1965, through April 7, 1968. Because of limitations in the telescope mounting, the northern limit of the survey was set at $+81^{\circ}$. The southern limit of -33° was set to include the region of the galactic center at -30°. Objects at -33° are observed through an air mass of 2.58; the extinction effects on observations further to the south become *prohibitive*.

Within the limits described above, the areal coverage obtained was as follows:

	Percent
Fraction not covered	0.0
Fraction covered 1 time	0.6
Fraction covered 2 times	28.1
Fraction covered 3 times	35.2
Fraction covered 4 times	21.3
Fraction covered 5 or more times	14.7

The completeness of the catalog covering these areas was maintained by including in it only sources whose K magnitude was less than 3.0. Thus, under the worst conditions, the minimum signal exceeded the noise level by a factor of at leas 2. A further check of the completeness was obtained in those cases when the area was surveyed more than once, because the scans during 1967 and 1968 were offset in declination by 7.5′ from the previous scans. This offset was such that the zones of maximum sensitivity during the second coverage fell where the minimum sensitivity occured during the first set of scans. Furthermore, as part of the routine processing, a check was made for the sources that appeared either fewer or more times than the area had been surveyed. Finally, about one-fifth of these sources that appeared variable were reprocessed during compilation of the catalog.

Approximately 20 000 sources were detected in the survey. Of these, 5562 were brighter than K=3.0. In addition, 50 sources were included whose average brightness was fainter than K=3.0 but which, according to criteria discussed below, were potentially variable and were observed on one or more nights to be brighter than K=3.0. Of the total of 5612 stars observed, more than one 2.2μ measurement was obtained for all but 53 objects. On 361 stars only single measurements were obtained at 0.84μ.

THE CATALOG

The catalog is divided into 12 subcatalogs each of which contains those objects that meet the brightness requirements stated above and lie within a zone 10° wide in declination, centered on integral multiples of 10°. The catalog for each zone has three sections: a main data section, a section for stars with chi-square excesses, and a section for remarks. These will be discussed in turn below.

As a general rule, each observed quantity is listed together with an estimate of its error and of χ^2 for the measurements. The measure of χ^2 was taken to be

$$\chi^2 = \sum_i (x_i - \bar{x})^2/\epsilon_i^2$$

where x is the observed mean of the individual measures x_i and ϵ_i is the assigned a priori error expected for the ith measurement.

For the purposes of this catalog, the estimate of χ^2 for measurements of brightness was used as an indicator of potential variability. Any star was considered potentially variable if χ^2 exceeded that value which would be exceeded only 10 percent of the time if the true errors were normally distributed and consistent with the assumed a priori errors.

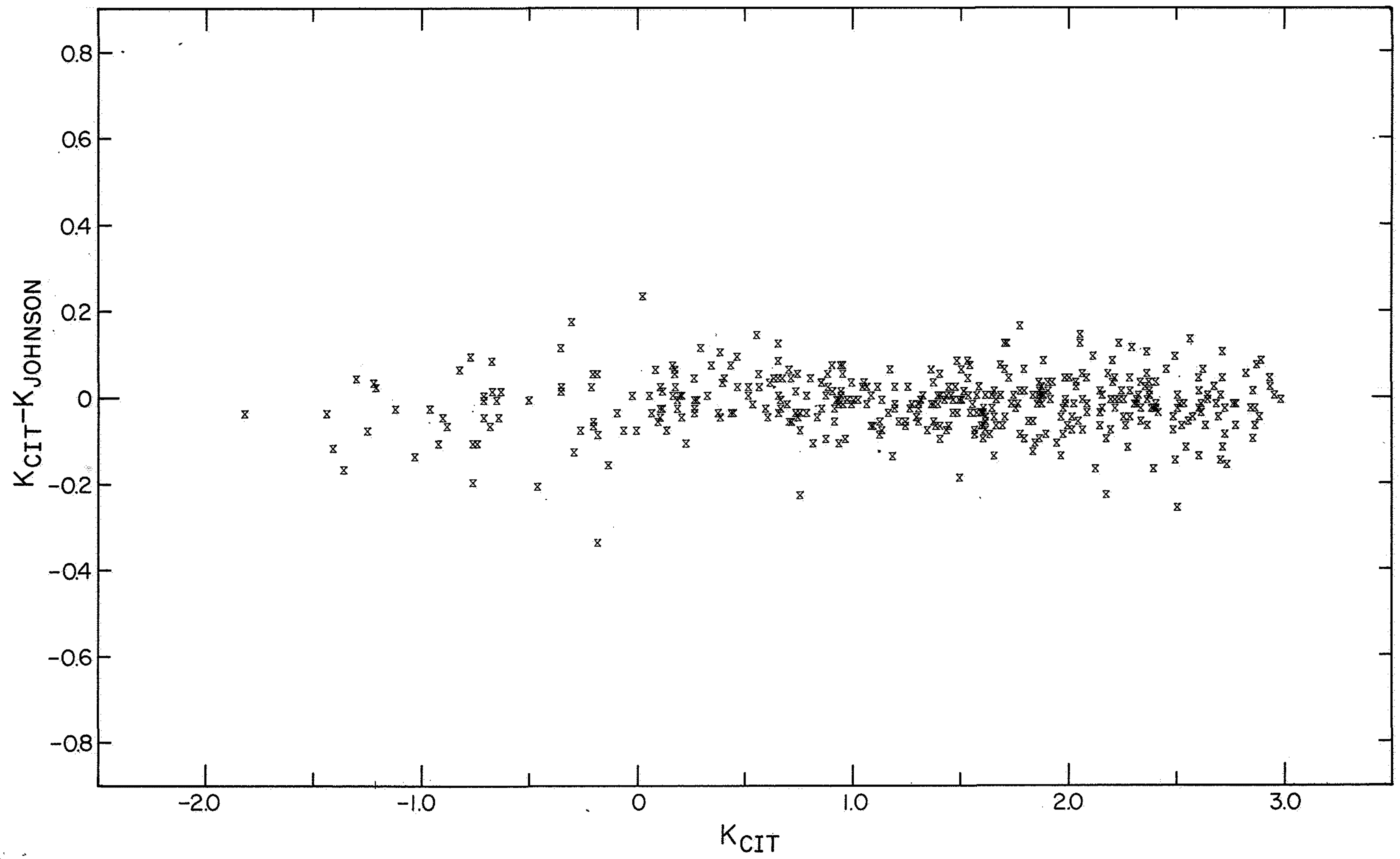

Figure 3.–The difference between the survey K magnitude and that of Johnson et al. (1966) is shown as a function of the survey K magnitude for the 407 stars observed in common. The standard deviation is 0.07 mag and the average value is -0.02 mag. Stars that show potential variability in K are excluded.

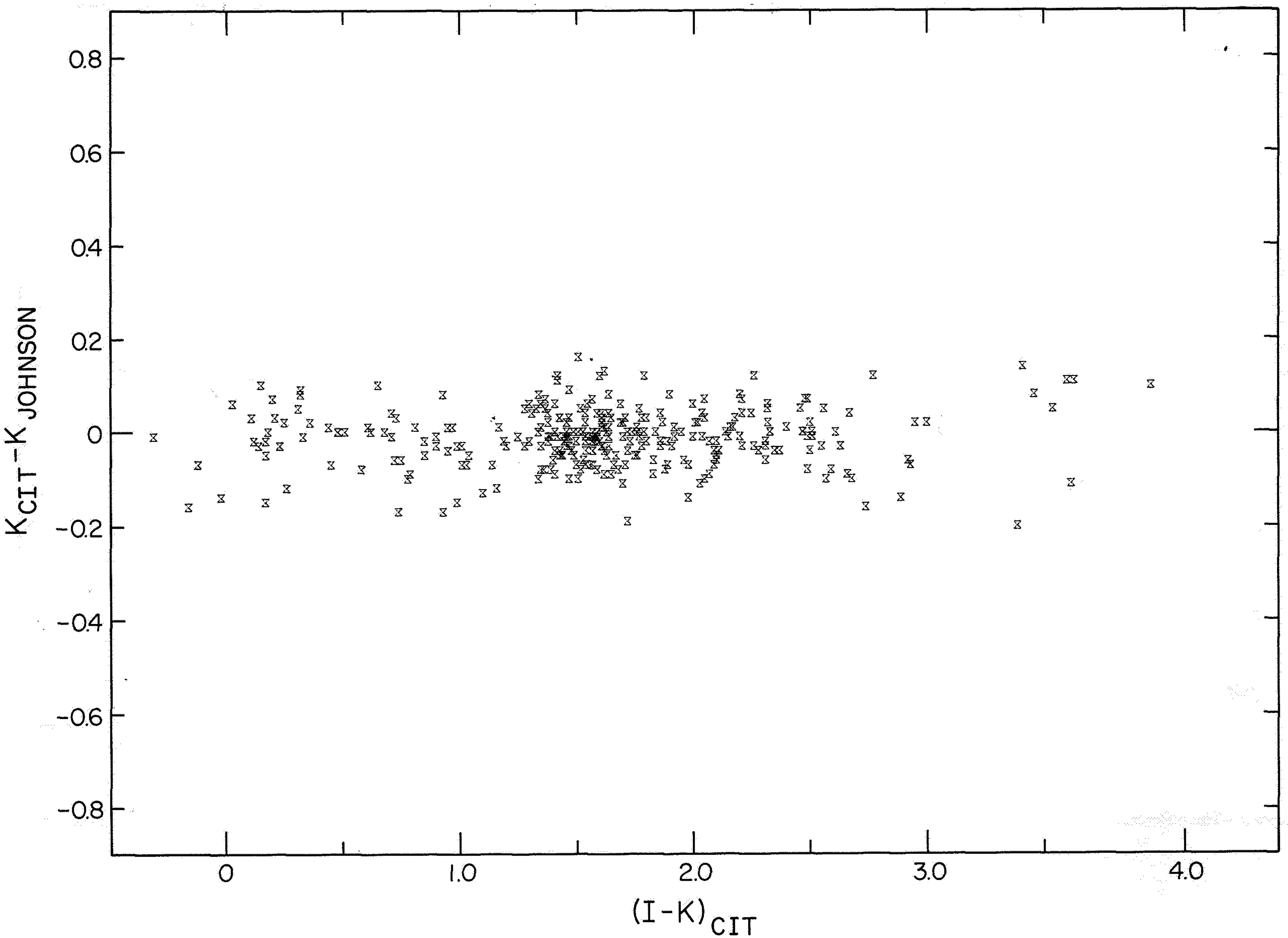

Figure 4.–The difference between the survey K magnitude and that of Johnson et al. (1966) is shown as a function of the color index I-K measured on the survey for 431 stars. Stars which showed potential variability in K or I were excluded.

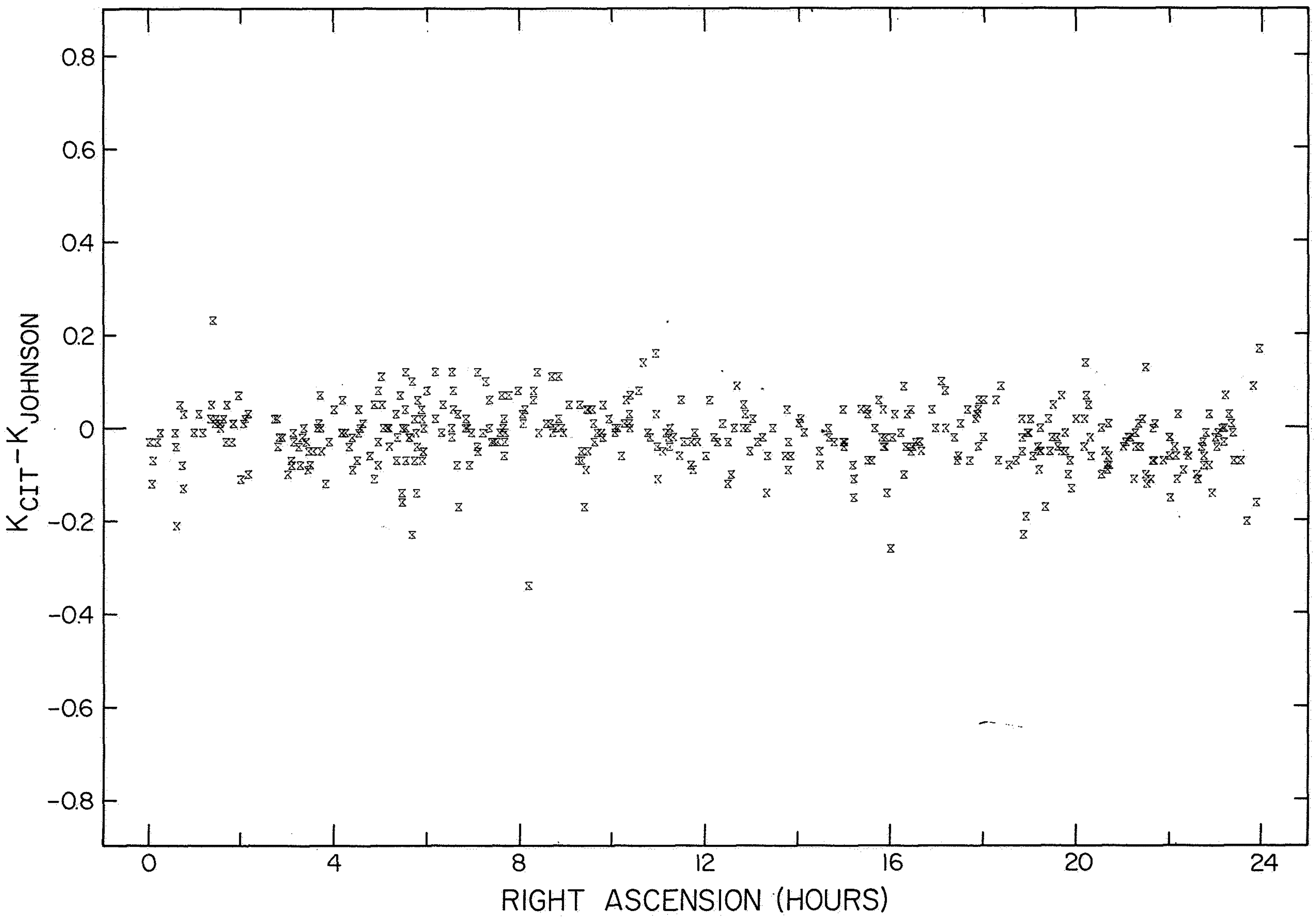

Figure 5.–The difference between the survey K magnitude and that of Johnson et al. (1966) is shown as a function of right ascension. The same standards clearly could not be observed over the entire 24^h range; thus, the lack of systematic variation indicates the consistency of the standards network.

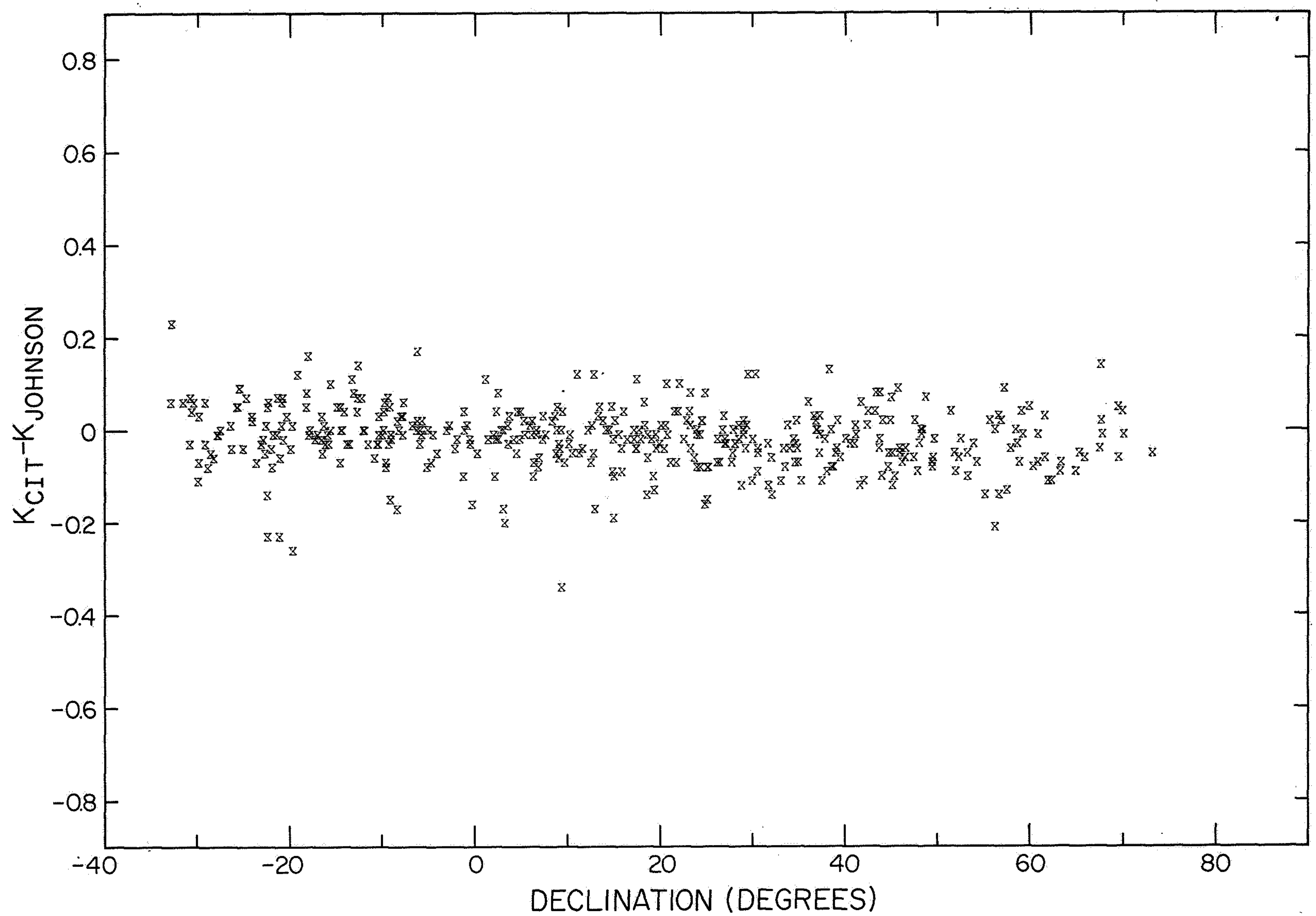

Figure 6.—The difference between the survey K magnitude and that of Johnson et al. (1966) is shown as a function of declination. The systematic drift is probably caused by an error in the air-mass-extinction correction, which was based on the secondary standard stars, rather than on the data shown here.

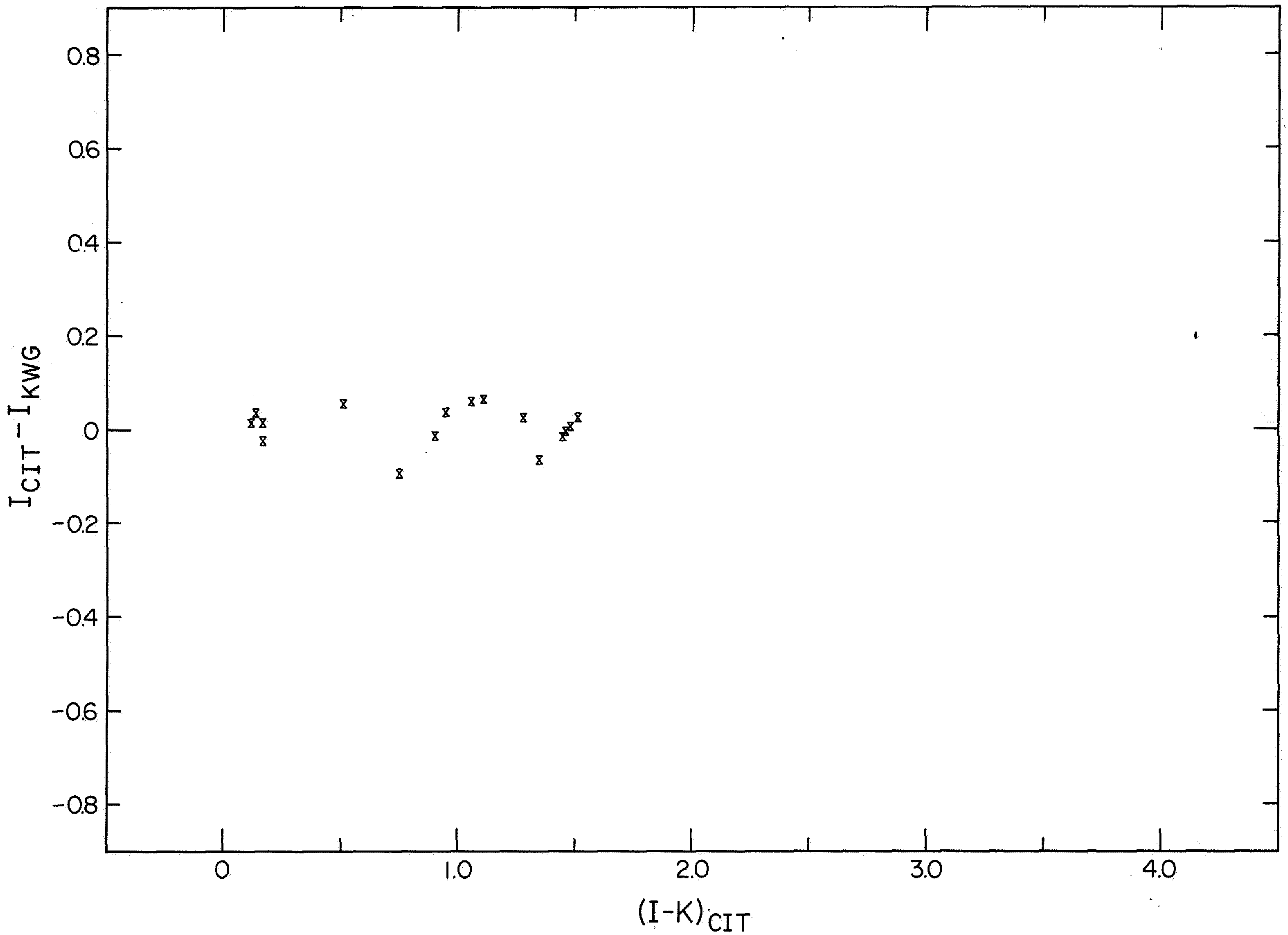

Figure 7.–The difference between the survey I magnitude and that of Kron et al. (1953) is shown for 16 stars observed in common. The zero point of the survey I magnitude scale was actually set using about twice the number of stars shown, but some of these were either offscale at 0.84μ as measured during survey operations or were accompanied by too faint at 2.2μ signal to be included in the catalog.

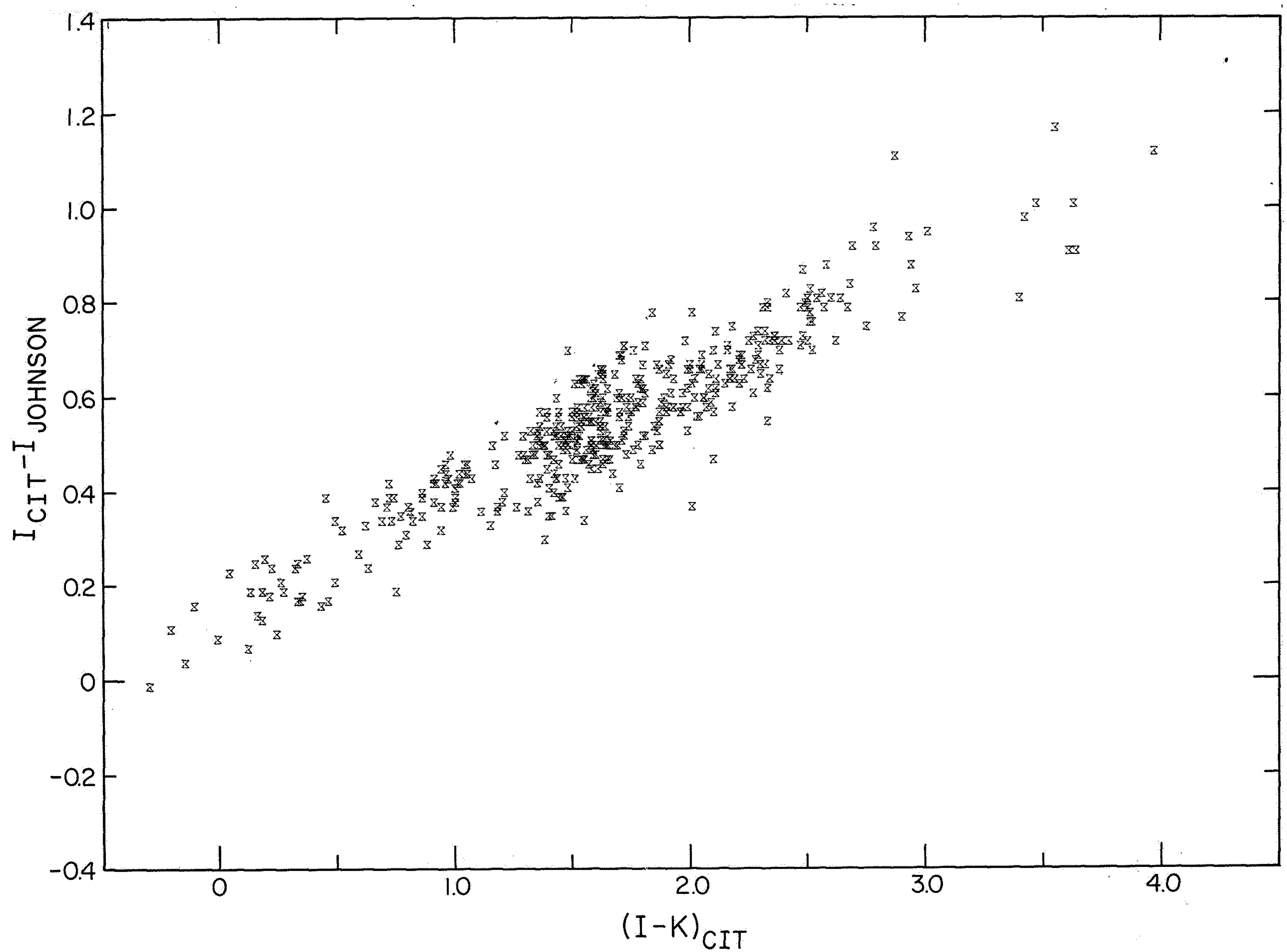

Figure 8.–The difference between the survey I magnitude and that of Johnson et al. (1966) is shown for 431 stars as a function of the color index I-K found on the survey. It is seen that the I magnitude systems differ both in color and the zero point.

Main Data Section—Left-Hand Pages

Columns 1 and 23: Catalog Number

The stars are arranged in order of right ascension within each 10° declination zone. The catalog star number contains a sign and five digits. The sign and first two digits give the central declination, while the last three digits give the number of the star within the zone. An "R" after the catalog number in column 1 indicates that a remark on that star has been included in the "Remarks" section.

Columns 2 to 10: Coordinates

These columns give the measured coordinates corrected for precession to the epoch 1950. No attempt has been made to obtain, or take into account, proper motions. The estimate of the right ascension error is in seconds of time, the estimate of the declination error in minutes of arc.

The errors estimated for each measurement of a star were assigned on the basis of the "peaks" as recorded on the strip chart (fig. 2). A right ascension of $5^s/\cos\delta$ was assigned to each "peak"; the assigned declination error depended on the peak size, peak location within the cell intensity pattern, and the number of peaks observed to make up the star. In a few cases these a priori error estimates were increased because of special conditions prevailing at the telescope. The errors listed in columns 7 and 9 were derived from the estimated errors assigned to each measurement by assuming each measurement of a star to be independent; the number of such independent observations is NK (column 21), the same as the number of K-magnitude measurements.

Fifteen stars were offscale each time they were observed and for these it was impossible to make any coordinate determination. The coordinates of these stars, which were all unambiguously identified, were therefore taken from the *Smithsonian Astrophysical Observatory Star Catalog* and the errors arbitrarily set equal to 0.0.

Columns 11 to 13: K Magnitude

The value of K, the magnitude of 2.2μ, is derived from the average of the observed 2.2μ intensity measurements weighted inversely according to the square of the assigned a priori intensity error. The adopted a priori errors were based upon the performance of the system in recording objects of various intensities, and were expressed for each observed peak as a combination of a constant error corresponding to $K \sim 4$ (i.e., the "noise" level) plus an appropriate fractional error which varied with conditions but was typically 6 percent of the peak height. The number of measurements contributing to the K magnitude is listed as NK in column 21. It should be noted that if the individual measurements differ appreciably, the weighting procedure often biases the result strongly towards the fainter measurements whose absolute errors are small.

An asterisk indicates that all measurements of the source at 2.2μ were offscale, that is, the K intensity exceeded a nominal limit of $K \sim -1.5$. As mentioned above, this limit is not well defined but is a function of the responsivity of the system and the intensity of the 0.84μ signal which, for signals bright enough to require the 10-time attenuator, could obscure or contaminate the recording of the 2.2μ signal. There are 15 cases of offscale 2.2μ measurements.

In order to assess a minimum limit on the extent of contamination of the 2.2μ signal by background stars, a comparison was made of the *S.A.O. Star Catalog* with a preliminary version of the infrared catalog. From those infrared stars that could be identified with stars in the *S.A.O. Star Catalog*, a relationship between spectral class and both V-I and V-K was established. The K magnitude was then predicted for each star that could, on the basis of its location, contribute to the measured 2.2μ flux but that was not identified as the sole source of that flux. If the predicted flux of the extra source exceeded 10 percent of the measured flux an appropriate remark to that effect was entered in the "Remarks" section; 100 stars were found to be contaminated in this way.

Columns 14 to 17: I Magnitude

The value of I, the magnitude at 0.84μ, is derived from the average of the observed 0.84μ intensity measurements weighted inversely according to the square of the assigned a priori intensity error. The a priori errors were assigned by the same procedure as used in 2.2μ. The number of measurements contributing to the I magnitude is listed as NI in column 22. For 119 stars, all measurements at 0.84μ were offscale, and an asterisk is listed instead of an I magnitude.

The measurements of the I magnitude listed in the catalog are more strongly affected by confusion with other stars than are the K magnitudes. There are two main reasons for this: The 0.84μ detector consisted of a single cell spanning an arc of 20′, while the 2.2μ detector was made up of

four pairs of cells, each pair of which covered only 10′ in declination (fig. 1). Thus a larger area was examined at 2.2μ but with higher spatial discrimination than at 0.84μ. Secondly, approximately three times as many stars were detectable by the 0.84μ system as were detectable at 2.2μ.

From observations of the number of 0.84μ background signals observed, it is estimated that any star listed with an I magnitude fainter than 7 should be considered as possibly contaminated.

The confusion in the magnitudes by background sources was often obvious to the scanner who digitized the data from the strip chart recorder. In some cases the confusion was so great that no estimate of the I magnitude was recorded. In other cases, an estimate, generally in the form of a limit, was thought possible and the observation was labeled as "questionable." If no I magnitude was obtained in any of the observations of a given star, a hyphen (-) is inserted in the catalog; there are 10 such cases. If every observation of a catalog star resulted in either no estimate or only a questionable value for its I magnitude, the average of the questionable values is listed together with a Q in column 17, and no χ^2 or error is estimated. In those circumstances where some observations were considered questionable but some were considered valid, the average value of the valid I magnitudes is listed and the questionable magnitudes are not included. In these cases, NI, the number of I magnitude observations, is less than NK, the number of K magnitude observations, although in several cases NI was less than NK because of the arrangement of the scan pattern rather than potential background confusion. As a general rule, an I magnitude with a Q should be considered as a lower limit to the correct I magnitude although in about 5 percent of the cases contamination could decrease the observed signal below the true value and thereby increase I.

The search of the *S.A.O. Star Catalog* to investigate contamination of 2.2μ also included a search to find probable 0.84μ contamination by background stars. If the predicted flux at 0.84μ exceeded that of I=7 and also exceeded 10 percent of the measured flux, the observed I magnitude was considered questionable and processed as described above. Of the 384 stars for which all the I magnitudes were questionable, 319 were so defined through this search.

Columns 18 and 19: I-K

This column is included as a guide to the redness of the object and is the difference of the quantities listed in columns 14 and 11. This is not a reliable guide to the actual redness of the object in those cases where there is an indication of variability in either the K or I magnitdues, and can be an especially poor indicator of redness in those cases where NK, the number of observations at 2.2μ, differs appreciably from NI, the number of reliable observations at 0.84μ.

Column 20: Chi-Square Excess

This column indicates with a "K," an "I," or both that the value of χ^2 shows potential variability as discussed above. For each star with an entry in this column, the individual nightly observations are tabulated in the χ^2 excess section.

The criterion for potential variability is arbitrary and cannot be considered a definitive and reliable test of whether or not the star is, in fact, variable. If none of the objects were variable, and if the a priori errors assigned were realistic estimates, 10 percent of the stars measured should be selected by this technique. In fact, the χ^2 for only 6 and 9 percent of the objects exceeded this arbitrary limit for the 2.2μ and 0.84μ measurements respectively. Because some stars are truly variable, the measurements thus shows less fluctuation than expected statistically from the assigned a priori errors; i.e., that a priori errors assigned are statistically too large. It is also clear that, with the sporadic sampling obtained, no criterion can be definitive. In particular, source +10050, (N.M.L. Taurus) does not, on the basis of this test, show variability, whereas observations made at times between the two listed in the catalog indicated a decrease in brightness of one magnitude during that interval. Nonetheless, this test should provide a first sample from which to select potential variable sources.

Columns 21 to 22: Number of Observations

NK and NI represent the number of independent measurements used in obtaining the K and I magnitudes. If either is followed by an asterisk, there were more measurements made that were offscale. NK is also the number of measurements used to obtain the coordinates of the object.

Main Data Section—Right-Hand Pages

Columns 1 and 12: Number

The catalog number as listed on the left-hand pages is repeated.

Column 2: Observational Record

This column is made up of 10 digits, each of which indicates how many times during respective 4-month periods (January through April, May through August, September through December) the source was observed. All observations, including those that were offscale, are indicated.

Columns 3 to 9: Identifications

A search of four catalogs was made in order to assist in the identification of the observed objects with previously observed stars. The catalogs searched were

Hoffleit, Dorrit: *Yale Catalogue of Bright Stars*. Third ed., Yale University Observatory, 1964. (Magnetic Tape revised in 1967.)

Boss, Benjamin: *General Catalogue of 33342 Stars for the Epoch 1950*. Carnegie Institute of Washington, 1937.

Smithsonian Astrophysical Observatory Star Catalogue. Smithsonian Institution, 1966.

Kukarkin, B. V.; Parenago, P. P.; Efremov, Y. U. I.; and Gol'opov, P. N.: *General Catalogue of Variable Stars*. Vols. 1 and 2. Academy of Sciences of the U.S.S.R. (Moscow), 1958.

Two sources were considered to be identified with each other if they were within 3′ north-south and 3′ east-west; for identification with the *General Catalogue of Variable Stars*, the latter range was set as 18^s of right ascension. If there was more than one star within these limits the star with the largest predicted 2.2μ flux, as determined from its spectral class and visual magnitude, was considered as the identification. If necessary, a remark reflecting probable contamination was appended to the star in such cases. The spectral data were not used in the identification procedure except to resolve such confusions.

When an infrared object can be identified with a star in either the *Bright Star* or *General Catalog*, the catalog number as given in those catalogs is listed in column 6 (BS=HR) and column 7 (GC). When an infrared object was identified with a star listed in the *S.A.O. Star Catalog*, the Durchmusterung number as obtained from the *S.A.O. Star Catalog* is given in column 8 (DM). If either two or three stars are listed in the *S.A.O. Star Catalog* with the same Durchmusterung number, the remarks "double star" or "triple star system" are added. The number of identifications of stars in the infrared catalog with stars in the four catalogs searched is

Bright Star Catalog	1613
General Catalog	2341
S.A.O. Star Catalog	3810
General Catalog of Variable Stars	1055

If any identification was made, the visual magnitude, spectral type, and luminosity class are listed in columns 3, 4, and 5. These quantities are

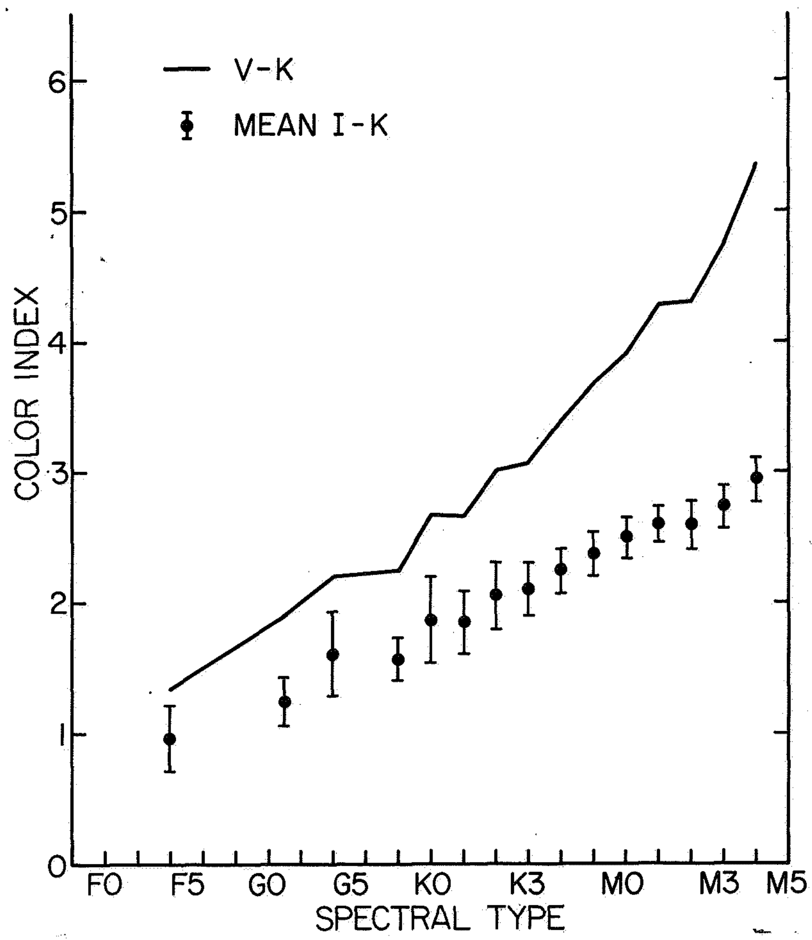

Figure 9.–The survey color index I-K is shown as a function of spectral class for the 1613 stars identified with stars in the *Bright Star Catalog*. The error bars indicated the standard deviations of the I-K values of the stars of a particular spectral type. The V-K color index for the same stars is also shown.

given as stated in the *Bright Star Catalog* if an identification with that catalog was made; otherwise, the data from the *General Catalog*, or the *S.A.O. Star Catalog*, in that order of preference, are presented. The luminosity class for objects with luminosity classes I and II are both listed as II. No magnitudes are listed for those 586 objects that are identified only with the *General Catalogue of Variable Stars*.

The measured I-K versus spectral types of objects identified in the *Bright Star Catalog* is shown in figure 9.

Columns 10 and 11: Coordinate Differences

For each identification, the differences between the positions, as listed in the infrared catalog and those of the *S.A.O. Star Catalog* are given in seconds of right ascension or arc minutes of declination. If the only identification is with the *General Catalogue of Variable Stars*, the positional differences from that catalog are given. During the data processing, these differences were rounded off several times. Therefore, errors as large as two units in the least significant place printed are to be

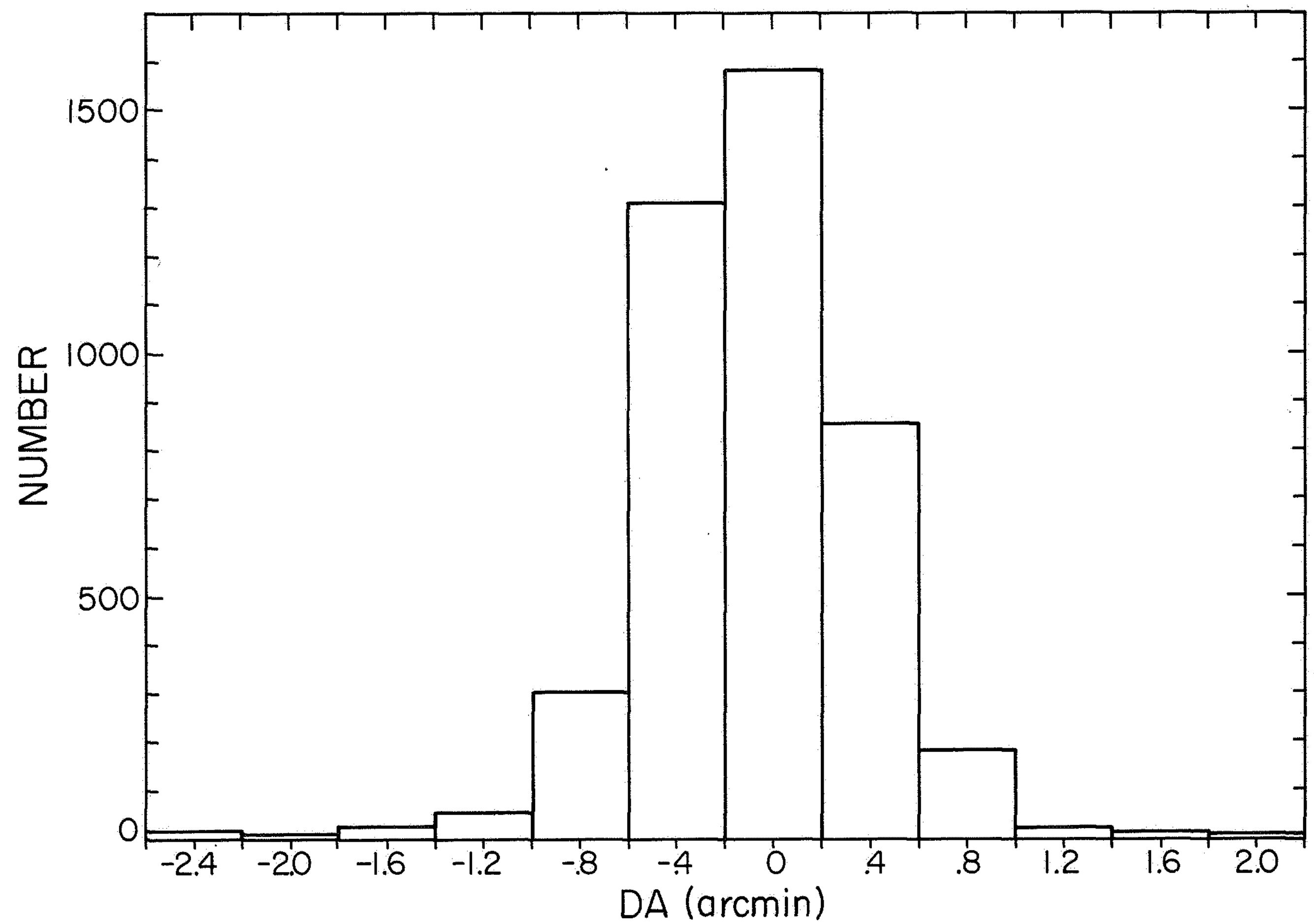

Figure 10.–A histogram for the difference in the right ascension found in the survey and the S.A.O. *Star Catalog* for all identified stars is shown.

expected. Histograms of the differences tabulated in columns 10 and 11 are shown in figures 10 and 11.

Chi-Square Excess Section

A compilation of the individual observations of those stars whose 0.84μ or 2.2μ measurements resulted in a chi-square excess is given for each zone following the catalog proper. For each such star, all of the individual 2.2μ and 0.84μ observations are given, as well as their errors and the Julian day of observation. The notation with respect to Q, -, or * as described above is used.

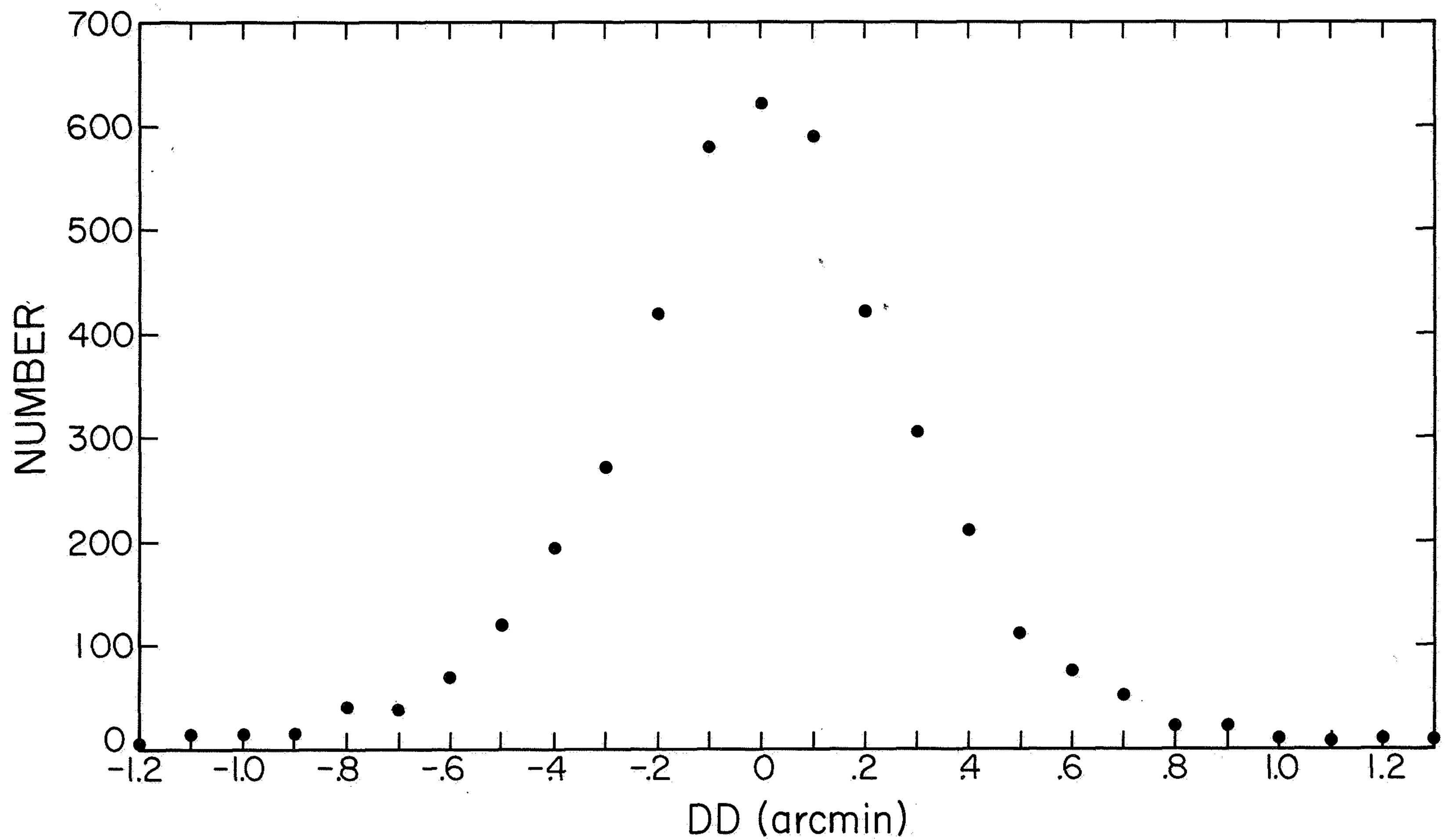

Figure 11.–A histogram for the difference in the declination found in the survey and the *S.A.O. Star Catalog* for all identified stars is shown. Each point represents the number of differences within a 1-minute bin.

Remarks

The remarks are limited to those which relate the object to previous measurements by the CIT group (Neugebauer, Martz, and Leighton, 1965; Ulrich, Neugebauer, McCammon, Leighton, Hughes, and Becklin, 1966) amend the observations in a way for which no standard notation was otherwise established, or reflect the results of the 2.2μ background contamination search of the S.A.O. *Star Catalog.*

If the remark resulted from the search of the *S.A.O. Star Catalog*, this is explicitly stated. Otherwise, the remark was first noted by the digitizer.

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Declination Zone
-33 to -25 degrees

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-30001	0	4	1	-32	52.5	1	15.00	0.3	2.5	1.63	0.04	0.78	5.20	0.05	6.12		3.57	0.06		5	4	-30001
-30002	0	5	1	-25	46.5	2	6.00	0.5	0.7	2.85	0.10	3.19	8.86	-	-	Q	6.01	-		3	3	-30002
-30003	0	9	5	-28	4.4	2	0.75	0.3	0.1	2.39	0.08	0.56	4.42	0.10	0.06		2.03	0.13		2	2	-30003
-30004	0	11	11	-26	17.9	2	0.12	0.3	0.2	2.00	0.07	0.06	4.50	0.10	0.31		2.50	0.12		2	2	-30004
-30005	0	11	14	-26	33.8	2	0.12	0.7	0.1	2.60	0.12	0.50	4.81	0.08	0.50		2.21	0.14		2	2	-30005
-30006	0	12	49	-32	19.1	1	11.00	0.3	0.7	0.39	0.04	13.00	3.64	0.06	32.00		3.25	0.07	K,I	4	4	-30006
-30007	0	13	35	-31	43.4	1	2.19	0.3	0.6	2.66	0.08	1.87	4.65	0.04	1.87		1.99	0.09		5	5	-30007
-30008	0	20	53	-30	7.5	2	0.37	0.5	0.1	2.15	0.07	0.37	4.93	0.06	0.06		2.78	0.09		2	2	-30008
-30009	0	31	16	-29	49.6	2	0.12	0.3	0.1	2.68	0.09	0.06	4.66	0.06	0.56		1.98	0.11		2	2	-30009
-30010	0	33	19	-25	9.2	2	2.50	0.5	0.7	2.65	0.08	0.25	5.83	0.06	4.12		3.18	0.10		4	4	-30010
-30011	0	36	20	-25	23.0	1	2.25	0.3	0.5	2.91	0.08	0.12	5.27	0.05	1.75		2.36	0.09		4	4	-30011
-30012	0	53	30	-28	2.8	2	0.63	0.3	0.7	1.80	0.07	0.06	4.43	0.10	0.06		2.63	0.12		2	2	-30012
-30013	1	3	4	-31	57.8	2	1.50	0.3	0.7	1.58	0.05	9.37	6.51	0.07	3.37		4.93	0.09	K	4	4	-30013
-30014	1	21	11	-31	11.6	2	3.37	0.5	1.5	1.76	0.07	1.31	4.30	0.05	0.75		2.54	0.09		6	6	-30014
-30015	1	24	40	-32	48.0	1	2.75	0.3	1.2	0.03	0.04	2.62	3.72	0.06	12.00		3.69	0.07	I	4	4	-30015
-30016	1	27	59	-26	28.0	2	2.00	0.7	0.2	2.80	0.13	0.06	4.95	0.06	1.87		2.15	0.14		2	2	-30016
-30017	1	32	4	-28	29.4	1	9.75	0.3	2.3	2.48	0.06	2.25	5.20	0.04	2.06		2.72	0.07		6	6	-30017
-30018	1	39	52	-32	34.5	2	0.19	0.3	2.4	2.87	0.09	0.19	4.56	0.05	4.50		1.69	0.10		3	3	-30018
-30019	1	42	38	-28	58.1	1	1.25	0.3	1.5	2.65	0.08	1.50	5.23	0.06	1.62		2.58	0.10		4	4	-30019
-30020	2	0	10	-31	38.0	2	1.25	0.3	2.0	2.77	0.08	1.50	6.23	0.06	6.62		3.46	0.10	I	4	4	-30020
-30021	2	26	58	-26	19.1	2	2.50	0.3	1.1	1.30	0.06	2.19	6.72	0.11	1.69		5.42	0.13		2	2	-30021
-30022	2	28	27	-31	29.7	1	12.50	0.3	0.3	2.89	0.08	1.87	5.87	0.05	11.25		2.98	0.09	I	5	5	-30022
-30023	2	35	8	-27	11.4	2	2.81	0.3	0.6	1.11	0.06	23.59	6.33	0.06	40.00		5.22	0.08	K,I	5	5	-30023
-30024	2	40	47	-26	19.4	2	2.75	0.7	0.1	3.00	0.11	0.06	6.30	0.09	0.19		3.30	0.14		2	2	-30024
-30025	2	42	13	-29	24.6	2	0.94	0.3	0.6	1.71	0.05	0.56	5.46	0.06	9.94		3.75	0.08	I	3	3	-30025
-30026	2	47	1	-32	37.0	1	1.75	0.3	0.2	2.17	0.06	0.37	3.70	0.05	1.25		1.53	0.08		4	4	-30026
-30027	3	6	26	-26	38.1	2	0.12	0.5	2.0	2.09	0.08	0.06	5.43	0.07	1.50		3.34	0.11		2	2	-30027
-30028	3	9	53	-29	10.9	2	8.75	0.3	4.1	2.51	0.07	0.78	3.52	0.06	0.94		1.01	0.09		5	5	-30028
-30029	3	30	20	-25	49.3	2	6.56	0.3	1.1	1.87	0.06	0.37	5.06	0.06	0.06		3.19	0.08		3	2	-30029
-30030	3	41	9	-31	10.6	1	10.00	0.3	5.5	1.44	0.04	6.50	4.53	0.03	2.75		3.09	0.05		8	8	-30030
-30031	3	48	19	-32	25.2	1	3.12	0.3	0.9	2.94	0.08	4.69	5.42	0.04	5.00		2.48	0.09		5	5	-30031
-30032	4	1	31	-25	58.3	2	0.12	0.5	0.1	2.34	0.09	0.06	4.90	0.06	0.69		2.56	0.11		2	2	-30032
-30033	4	9	21	-25	15.9	2	4.50	0.3	2.3	1.89	0.07	3.94	7.09	0.12	2.53		5.20	0.14		3	3	-30033
-30034	4	21	37	-27	56.5	2	0.94	0.3	1.1	1.86	0.06	0.28	5.07	0.06	1.03		3.21	0.08		3	3	-30034
-30035	4	25	58	-29	19.4	1	0.75	0.3	0.6	2.95	0.10	0.28	6.24	0.07	0.09		3.29	0.12		3	3	-30035
-30036	4	31	30	-29	52.0	2	1.87	0.5	0.2	2.15	0.07	0.47	3.72	0.08	0.09		1.57	0.11		3	3	-30036
-30037	4	33	37	-30	39.5	2	0.12	0.5	0.1	1.73	0.07	0.75	3.11	0.07	0.31		1.38	0.10		2	2	-30037
-30038	4	34	32	-27	40.6	1	2.00	0.3	0.5	1.31	0.05	0.50	5.28	0.05	1.00		3.97	0.07		4	4	-30038
-30039	4	37	26	-30	33.3	2	0.50	0.3	1.9	2.65	0.10	0.63	5.72	0.07	0.19		3.07	0.12		2	2	-30039
-30040	4	41	12	-30	51.4	2	0.75	0.3	0.4	2.40	0.09	0.06	4.54	0.07	0.94		2.14	0.11		2	2	-30040
-30041	5	0	10	-26	20.5	2	2.44	0.3	0.2	2.76	0.10	0.19	4.31	0.08	0.28		1.55	0.13		3	3	-30041
-30042R	5	10	56	-27	13.6	2	5.25	0.3	1.0	2.85	0.09	2.00	5.21	-	-	Q	2.36	-		4	4	-30042
-30043	5	17	26	-25	10.5	1	8.75	0.3	2.5	1.31	0.05	1.72	4.34	0.06	2.87		3.03	0.08		5	4	-30043
-30044	5	27	29	-30	59.5	1	1.87	0.3	3.1	2.45	0.07	1.56	5.34	0.06	1.97		2.89	0.09		5	3	-30044
-30045	5	31	0	-25	23.6	2	4.06	0.3	1.2	2.51	0.07	1.25	5.24	0.05	2.50		2.73	0.09		5	5	-30045
-30046	5	33	50	-25	46.0	2	3.75	0.3	1.5	2.67	0.08	0.12	5.83	0.06	2.12		3.16	0.10		4	4	-30046
-30047	5	36	6	-27	14.4	2	0.56	0.7	0.2	2.84	0.10	0.09	5.23	0.06	1.31		2.39	0.12		3	3	-30047
-30048	5	39	2	-27	58.1	2	2.75	0.3	0.2	2.87	0.09	0.50	5.90	0.06	2.50		3.03	0.11		4	4	-30048
-30049	5	45	5	-31	42.9	1	0.94	0.3	0.9	2.10	0.05	19.69	7.13	0.09	6.87		5.03	0.10	K	5	5	-30049
-30050	5	47	14	-32	20.9	2	6.75	0.3	4.3	2.31	0.07	4.37	6.69	0.08	0.84		4.38	0.11		4	3	-30050

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
-30001	0 0 1 0 0 4 0 0 0 0											-30001
-30002	0 1 1 0 1 0 0 0 0 0								SY SCL	-2	-0.7	-30002
-30003	0 0 1 0 1 0 0 0 0 0	5.56	K5	III	34	197	-28	26		2	0.3	-30003
-30004	0 0 1 0 1 0 0 0 0 0	5.93	K2		42	249	-26	56		1	0.1	-30004
-30005	0 0 1 0 1 0 0 0 0 0	6.41	K5		43	250	-26	57		1	0.0	-30005
-30006	0 0 1 0 0 3 0 0 0 0	6.30	M6E			296	-32	69	S SCL	-2	0.2	-30006
-30007	0 1 1 0 0 3 0 0 0 0	5.66	K5	III	57	306	-32	72		-3	0.1	-30007
-30008	0 0 1 0 0 1 0 0 0 0	7.02	M0			463	-30	101		1	-0.1	-30008
-30009	0 0 1 0 0 1 0 0 0 0	5.54	K2	III	138	665	-30	156		3	0.4	-30009
-30010	0 0 1 0 1 2 0 0 0 0	8.10	M3				-25	212		-3	-0.1	-30010
-30011	0 0 1 0 1 2 0 0 0 0	6.64	K0			768	-25	234		0	-0.1	-30011
-30012	0 0 1 0 1 0 0 0 0 0	6.20	M1		268	1110	-28	288		0	0.0	-30012
-30013	0 0 1 0 0 3 0 0 0 0											-30013
-30014	0 0 1 0 0 5 0 0 0 0	5.83	K5	III	400	1687	-31	562		-1	0.7	-30014
-30015	0 0 1 0 0 3 0 0 0 0	5.77	N3		423	1753	-33	525	R SCL	-1	0.1	-30015
-30016	0 0 1 0 1 0 0 0 0 0	5.92	K4	G	436	1828	-26	502		-3	-0.1	-30016
-30017	0 0 2 1 1 2 0 0 0 0	6.96	M0			1899	-28	490		-1	0.2	-30017
-30018	0 0 1 0 0 2 0 0 0 0	5.28	K0	G	497	2085	-32	666		-2	0.2	-30018
-30019	0 0 2 1 0 1 0 0 0 0	7.03	M0			2136	-29	564		-3	0.4	-30019
-30020	0 0 1 0 0 3 0 0 0 0	9.28	MA				-31	827		0	-0.6	-30020
-30021	0 0 1 0 0 1 0 0 0 0								R FOR	-5	0.1	-30021
-30022	0 0 1 0 0 4 0 0 0 0	8.49	MA				-31	1010		-2	0.2	-30022
-30023	0 0 3 1 0 1 0 0 0 0											-30023
-30024	0 0 1 0 0 1 0 0 0 0	8.60	M3				-26	987	X FOR	1	0.5	-30024
-30025	0 0 1 1 0 1 0 0 0 0								ST FOR	-1	0.4	-30025
-30026	0 0 1 0 0 2 0 0 1 0	4.45	G6	III	841	3387	-32	1025		0	-0.1	-30026
-30027	0 0 1 0 0 1 0 0 0 0	8.30	M3				-26	1159		-2	0.1	-30027
-30028	0 0 1 1 0 3 0 0 0 0	3.86	F8	IV	963	3831	-29	1177		-4	0.1	-30028
-30029	0 0 1 0 0 2 0 0 0 0	8.00	M5				-26	1336	RZ FOR	1	0.3	-30029
-30030	0 0 2 0 0 5 0 0 1 0	7.21	M3			4458	-31	1514		-1	0.0	-30030
-30031	0 0 1 0 0 2 0 0 2 0	7.00	K5			4640	-32	1487		0	0.9	-30031
-30032	0 0 1 0 0 1 0 0 0 0	6.83	K5			4889	-26	1535		2	0.8	-30032
-30033	0 0 1 0 0 2 0 0 0 0								W ERI	-5	-0.2	-30033
-30034	0 0 1 1 0 1 0 0 0 0	7.90	M3				-28	1527		-2	0.2	-30034
-30035	0 0 1 1 0 1 0 0 0 0	8.70	M2				-29	1730		1	0.1	-30035
-30036	0 0 1 1 0 1 0 0 0 0	4.50	G6	G	1453	5572	-30	1883		-3	0.0	-30036
-30037	0 0 1 0 0 1 0 0 0 0	3.81	K0	III	1464	5614	-30	1901		1	0.3	-30037
-30038	0 0 1 2 0 1 0 0 0 0	9.00	M7				-27	1800	UU ERI	-2	0.1	-30038
-30039	0 0 1 0 0 1 0 0 0 0	8.40	MB				-30	1934		0	0.0	-30039
-30040	0 0 1 0 0 1 0 0 0 0	5.67	K2	G	1509	5762	-30	1968		-2	0.1	-30040
-30041	1 0 1 0 0 1 0 0 0 0	5.02	K0	G	1628	6160	-26	1975		1	0.2	-30041
-30042R	0 0 1 1 0 2 0 0 0 0	7.50	K0			6389	-27	2138		0	-0.6	-30042
-30043	1 0 2 0 0 2 0 0 0 0	7.30	M2				-25	2370		-2	-0.1	-30043
-30044	0 0 1 1 0 1 1 0 1 0	7.70	MA				-31	2500		-2	0.2	-30044
-30045	1 0 1 0 0 3 0 0 0 0	7.10	M0				-25	2507		0	0.4	-30045
-30046	1 0 1 0 0 2 0 0 0 0	7.40	N0				-25	2539		4	0.1	-30046
-30047	0 0 1 1 0 1 0 0 0 0	6.75	K2			7025	-27	2395		-2	-0.1	-30047
-30048	0 0 2 1 0 1 0 0 0 0	8.00	M0				-28	2363		1	0.5	-30048
-30049	0 0 1 1 0 1 0 0 2 0								S COL	1	-0.3	-30049
-30050	0 0 1 1 0 1 0 0 1 0											-30050

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-30051	5 48 37	-29 12.6	1	7.50	0.3	1.2	2.71	0.07	9.00	6.45	0.09	24.00		3.74	0.11	K,I	4	3	-30051
-30052	5 53 38	-28 57.6	1	1.00	0.3	0.5	2.56	0.07	0.25	5.54	0.07	1.69		2.98	0.10		4	2	-30052
-30053	6 1 16	-26 16.6	2	2.06	0.3	0.6	1.77	0.05	1.22	3.88	0.07	0.47		2.11	0.09		3	3	-30053
-30054	6 8 26	-31 34.6	1	3.44	0.3	6.9	2.94	0.08	2.03	6.72	0.07	2.66		3.78	0.11		5	5	-30054
-30055	6 14 7	-27 29.5	1	0.56	0.3	1.1	0.70	0.04	0.56	4.29	0.08	3.09		3.59	0.09		3	3	-30055
-30056	6 15 16	-31 1.0	1	1.25	0.3	4.0	2.23	0.06	8.12	6.45	0.07	32.00		4.22	0.09	K,I	4	4	-30056
-30057	6 16 50	-26 8.6	2	2.25	0.3	1.0	2.73	0.09	2.00	6.48	0.08	6.00		3.75	0.12		4	4	-30057
-30058	6 18 54	-30 37.1	2	1.69	0.7	0.6	2.61	0.09	0.37	5.48	0.06	0.37		2.87	0.11		3	3	-30058
-30059	6 21 27	-26 21.0	3	4.75	0.8	0.2	2.76	0.12	0.06	5.66	0.07	0.37		2.90	0.14		2	2	-30059
-30060	6 21 40	-27 2.5	2	2.50	0.3	0.6	2.41	0.08	2.81	6.14	0.07	1.41		3.73	0.11		5	3	-30060
-30061	6 21 56	-25 32.9	1	1.87	0.3	0.6	1.83	0.05	1.87	4.16	0.07	0.50		2.33	0.09		5	4	-30061
-30062	6 27 11	-26 5.3	2	3.50	0.3	0.7	2.94	0.10	0.87	5.72	0.11	0.19		2.78	0.15		4	3	-30062
-30063	6 29 31	-32 49.9	2	0.37	0.3	1.1	1.52	0.05	0.84	4.22	0.11	0.12		2.70	0.12		3	2	-30063
-30064	6 30 7	-27 7.1	4	-	0.7	-	2.71	0.15	-	6.27	0.12	-		3.56	0.19		1	1	-30064
-30065	6 31 32	-29 36.0	2	2.50	0.5	7.8	2.24	0.08	0.69	5.54	0.09	-		3.30	0.12		2	1	-30065
-30066	6 31 50	-30 32.9	2	2.44	0.3	0.6	1.76	0.06	0.66	5.10	-	-	Q	3.34	-		3	3	-30066
-30067	6 34 23	-30 32.1	2	0.94	0.5	0.2	2.75	0.09	0.28	6.77	0.10	4.50		4.02	0.13		3	3	-30067
-30068	6 35 56	-32 17.6	2	0.37	0.5	1.7	2.43	0.08	0.75	4.38	0.07	0.47		1.95	0.11		3	3	-30068
-30069	6 41 8	-26 4.4	2	0.56	0.7	0.6	2.87	0.11	0.47	5.87	0.07	1.31		3.00	0.13		3	3	-30069
-30070	6 50 56	-26 53.9	2	0.12	0.3	0.1	0.44	0.06	0.06	3.41	0.08	0.19		2.97	0.10		2	2	-30070
-30071	6 56 38	-28 53.9	1	1.69	0.3	0.4	2.07	0.06	0.19	*	-	-		-	-		3	0*	-30071
-30072	6 59 46	-27 51.4	1	0.56	0.3	0.2	-0.50	0.06	0.09	*	-	-		-	-		3	0*	-30072
-30073	7 3 32	-25 1.9	1	5.00	0.3	2.0	1.47	0.06	2.00	5.15	0.07	8.72		3.68	0.09	I	4	3	-30073
-30074	7 3 58	-30 49.4	2	0.75	0.7	0.4	2.87	0.11	1.44	6.28	-	-	Q	3.41	-		2	2	-30074
-30075	7 5 10	-29 27.7	2	1.00	0.7	0.1	2.79	0.11	0.19	5.40	0.07	0.06		2.61	0.13		2	2	-30075
-30076	7 6 18	-26 19.0	2	0.75	0.3	0.2	0.38	0.08	0.44	*	-	-		-	-		2	0*	-30076
-30077	7 7 44	-27 47.9	2	1.31	0.3	0.4	1.60	0.05	0.09	4.65	0.06	1.50		3.05	0.08		3	3	-30077
-30078	7 9 7	-29 2.4	1	2.50	0.3	3.3	0.93	0.04	1.00	5.02	0.07	3.25		4.09	0.08	I	4	2	-30078
-30079	7 10 35	-31 53.4	2	0.25	0.7	0.7	2.71	0.15	0.06	5.21	0.07	0.19		2.50	0.17		2	2	-30079
-30080	7 10 51	-31 41.6	2	2.87	0.7	0.9	2.89	0.15	0.31	6.11	0.44	-		3.22	0.46		2	1	-30080
-30081	7 11 56	-26 1.0	2	0.12	0.5	1.0	2.52	0.10	1.00	5.53	0.08	2.25		3.01	0.13		2	2	-30081
-30082	7 12 49	-26 57.4	2	2.37	0.3	1.9	2.88	0.12	0.06	4.72	0.07	0.50		1.84	0.14		2	2	-30082
-30083	7 14 37	-27 47.8	2	2.62	0.3	0.9	0.19	0.06	0.47	2.68	0.05	0.37		2.49	0.08		3	3	-30083
-30084	7 16 50	-26 30.4	2	4.00	0.7	0.1	2.97	0.14	0.56	4.71	0.07	0.50		1.74	0.16		2	2	-30084
-30085	7 19 1	-25 48.0	2	2.44	0.3	0.2	1.21	0.07	0.28	3.93	0.07	2.62		2.72	0.10		3	3	-30085
-30086	7 19 18	-29 12.4	2	1.12	0.5	0.2	2.96	0.10	1.78	7.17	0.13	5.25		4.21	0.16	I	3	3	-30086
-30087	7 20 53	-25 40.4	2	1.12	0.3	1.1	-0.69	0.06	1.03	4.87	0.07	2.50		5.56	0.09		3	2	-30087
-30088	7 20 59	-25 22.5	2	0.19	0.3	0.7	2.28	0.08	1.97	5.99	0.07	9.00		3.71	0.11	I	3	3	-30088
-30089	7 21 12	-29 16.7	1	4.75	0.3	2.0	2.29	0.06	0.75	6.73	0.11	3.47		4.44	0.13		4	3	-30089
-30090	7 21 28	-27 44.4	2	0.37	0.3	0.4	1.70	0.05	0.09	4.01	0.07	0.28		2.31	0.09		3	3	-30090
-30091	7 22 10	-29 12.5	1	3.25	0.3	0.5	2.63	0.07	1.00	2.66	0.05	1.25		0.03	0.09		4	4	-30091
-30092	7 22 50	-31 42.9	2	0.75	0.5	0.2	3.00	0.12	0.06	4.50	0.08	0.31		1.50	0.14		2	2	-30092
-30093	7 26 2	-26 43.8	2	0.12	0.5	0.1	2.87	0.11	0.19	5.02	0.08	2.31		2.15	0.14		2	2	-30093
-30094	7 28 51	-30 51.5	2	0.12	0.5	0.1	2.73	0.14	0.06	4.08	0.09	0.25		1.35	0.17		2	2	-30094
-30095	7 34 37	-31 12.9	2	2.44	0.5	3.2	2.40	0.07	0.37	5.24	0.06	0.19		2.84	0.09		3	3	-30095
-30096	7 35 40	-26 18.0	2	0.25	0.5	0.6	2.40	0.10	0.06	6.18	0.10	4.81		3.78	0.14	I	2	2	-30096
-30097	7 37 31	-27 35.3	2	4.25	0.3	4.5	2.25	0.06	0.75	6.44	0.07	1.37		4.19	0.09		4	4	-30097
-30098	7 41 34	-28 17.6	1	5.00	0.3	0.3	0.72	0.04	0.31	3.03	0.04	0.63		2.31	0.06		5	5	-30098
-30099	7 41 48	-28 50.1	2	0.37	0.5	0.2	2.43	0.08	1.41	3.82	0.08	0.09		1.39	0.11		3	3	-30099
-30100	7 44 38	-32 11.1	2	3.56	0.3	0.4	1.96	0.06	0.66	5.67	0.06	4.87		3.71	0.08	I	3	3	-30100

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	OTHER CATALOGS BS=HR	GC	DM	VAR R COL	DA S	DD M	NO.
-30051	0 0 1 1 0 1 1 0 0 0								0	0.1	-30051
-30052	0 0 1 1 0 1 1 0 0 0	7.60	M3				-28 2562		0	0.0	-30052
-30053	1 0 1 0 0 1 0 0 0 0	5.05	K3	G	2140	7680	-26 2675		1	0.3	-30053
-30054	0 0 1 1 0 1 1 0 1 0										-30054
-30055	0 0 1 1 0 1 0 0 0 0										-30055
-30056	0 0 1 1 0 0 1 0 1 0	9.40	B9				-30 2993	EH CMA	-8	-0.8	-30056
-30057	1 0 1 0 0 2 0 0 0 0							U CMA	0	0.4	-30057
-30058	0 0 1 1 0 0 1 0 0 0	7.69	MA				-30 3048		-2	-0.4	-30058
-30059	0 0 1 0 0 1 0 0 0 0	7.02	K5			8252	-26 2977		1	0.1	-30059
-30060	1 0 2 1 0 1 0 0 0 0										-30060
-30061	1 0 1 0 0 3 0 0 0 0	5.63	K5	G	2311	8267	-25 3189		1	0.1	-30061
-30062	2 0 1 0 0 1 0 0 0 0	8.10	K5				-26 3056		0	-0.2	-30062
-30063	0 0 0 1 0 1 0 0 1 0	6.59	M0			8490	-32 3121		-2	0.0	-30063
-30064	0 0 0 0 0 1 0 0 0 0	9.00	M4				-27 3070		1	0.3	-30064
-30065	0 0 0 1 0 0 1 0 0 0	8.20	M2				-29 3217		-3	-1.3	-30065
-30066	0 0 1 1 0 0 1 0 0 0	8.51	MA				-30 3285		-2	-0.3	-30066
-30067	0 0 1 1 0 0 1 0 0 0										-30067
-30068	0 0 0 1 0 1 0 0 1 0	5.27	K0	G	2447	8667	-32 3216		0	0.1	-30068
-30069	1 0 1 0 0 1 0 0 0 0	8.00	M1				-26 3319		-2	0.2	-30069
-30070	1 0 0 0 0 1 0 0 0 0	6.52	M4		2567	9018	-26 3529		-3	-0.2	-30070
-30071	0 0 1 1 0 0 1 0 0 0	1.50	B2	II	2618	9188	-28 3666		-2	0.3	-30071
-30072	0 0 1 1 0 1 0 0 0 0	3.46	M0	II	2646	9276	-27 3544		2	0.3	-30072
-30073	1 0 1 0 0 2 0 0 0 0	9.00	M5				-24 4835		0	0.0	-30073
-30074	0 0 0 1 0 0 1 0 0 0										-30074
-30075	0 0 0 1 0 0 1 0 0 0	7.50	M1				-29 3912		-2	-0.1	-30075
-30076	1 0 0 0 0 1 0 0 0 0	1.84	F8	II	2693	9443	-26 3916		-4	-0.2	-30076
-30077	0 0 1 1 0 1 0 0 0 0	8.00	M2				-27 3697		1	0.2	-30077
-30078	0 0 1 2 0 0 1 0 0 0	9.10	M5				-28 3968		-3	-0.1	-30078
-30079	0 0 0 1 0 1 0 0 0 0	7.06	MA				-31 4174		4	0.4	-30079
-30080	0 0 0 1 0 1 0 0 0 0										-30080
-30081	1 0 0 0 0 1 0 0 0 0	8.20	M3				-25 4243	CO CMA	-2	0.3	-30081
-30082	1 0 0 0 0 1 0 0 0 0	5.80	K4	G	2750	9626	-26 4074		-1	-0.4	-30082
-30083	0 0 1 1 0 1 0 0 0 0	4.65	M3	G	2766	9678	-27 3852		1	-0.3	-30083
-30084	1 0 0 0 0 1 0 0 0 0	5.28	G0	II	2786	9740	-26 4164		0	-0.8	-30084
-30085	1 0 0 0 0 2 0 0 0 0	5.87	M4	G	2802	9809	-25 4400		-1	-0.2	-30085
-30086	0 0 1 1 0 0 1 0 0 0										-30086
-30087	1 0 0 0 0 2 0 0 0 0	7.50	M0				-25 4441	VY CMA	-2	-0.2	-30087
-30088	1 0 0 0 0 2 0 0 0 0	9.10	A2				-25 4446	CY CMA	0	2.8	-30088
-30089	0 0 1 1 0 0 2 0 0 0										-30089
-30090	0 0 1 1 0 1 0 0 0 0	5.13	K2		2822	9870	-27 4020		-1	-0.2	-30090
-30091	0 0 1 1 0 0 2 0 0 0	2.40	B5	II	2827	9886	-29 4328		2	-0.2	-30091
-30092	0 0 0 1 0 1 0 0 0 0	5.35	K2	G	2834	9903	-31 4482		1	-0.3	-30092
-30093	1 0 0 0 0 1 0 0 0 0	6.53	K5			9989	-26 4399		3	0.4	-30093
-30094	0 0 0 1 0 0 1 0 0 0	4.64	G1	II	2881	10071	-30 4620		5	-0.1	-30094
-30095	0 0 0 1 0 1 1 0 0 0	7.74	MA				-31 4801		0	-0.4	-30095
-30096	1 0 0 0 0 1 0 0 0 0	9.10	K5				-26 4669	DV PUP	6	-0.9	-30096
-30097	0 0 1 2 0 1 0 0 0 0										-30097
-30098	0 0 1 1 0 2 1 0 0 0	4.58	K5	G	2993	10409	-28 4767		2	-0.2	-30098
-30099	0 0 1 1 0 0 1 0 0 0	3.96	A3	II	2996	10417	-28 4774		0	-0.1	-30099
-30100	0 0 0 1 0 2 0 0 0 0	8.60	A0				-31 5049		0	-0.3	-30100

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-30101	7	48	17	-27	50.8	2	4.25	0.3	0.5	2.05	0.06	0.50	5.18	0.05	0.12		3.13	0.08		4	4	-30101
-30102	7	49	46	-30	19.0	2	2.37	0.7	0.7	2.87	0.12	0.63	6.80	0.58	-		3.93	0.59		2	1	-30102
-30103	7	51	52	-26	13.0	2	3.00	0.3	0.1	0.27	0.07	0.06	3.54	0.08	1.00		3.27	0.11		2	2	-30103
-30104	7	52	35	-27	56.8	2	1.25	0.3	5.5	2.79	0.08	2.87	6.26	0.07	6.56		3.47	0.11	I	4	3	-30104
-30105R	7	53	40	-28	31.1	1	5.50	0.3	2.5	2.36	0.06	7.75	5.67	-	-	Q	3.31	-	K	4	4	-30105
-30106	7	53	47	-29	20.9	2	0.75	0.3	0.2	2.66	0.09	0.47	6.15	-	-	Q	3.49	-		3	3	-30106
-30107	7	54	16	-30	8.7	2	7.69	0.3	2.1	0.34	0.08	1.41	3.27	0.07	0.37		2.93	0.11		3	2	-30107
-30108	7	56	52	-32	26.1	2	2.50	0.3	0.1	1.16	0.06	0.63	4.89	0.06	1.12		3.73	0.08		2	2	-30108
-30109	7	58	22	-32	34.8	2	9.94	0.3	0.2	1.74	0.06	0.09	5.22	0.07	0.06		3.48	0.09		3	2	-30109
-30110	7	58	24	-29	58.5	2	6.25	0.5	2.3	2.55	0.07	2.00	5.93	0.06	0.75		3.38	0.09		4	4	-30110
-30111	7	59	29	-31	39.4	2	0.50	0.5	0.1	2.58	0.10	0.06	6.06	0.08	0.12		3.48	0.13		2	2	-30111
-30112	8	0	13	-26	5.9	2	0.25	0.7	0.1	2.77	0.12	0.06	6.12	-	-	Q	3.35	-		2	2	-30112
-30113	8	1	9	-32	20.0	2	4.50	0.7	0.2	2.89	0.10	1.50	4.77	0.06	0.06		1.88	0.12		3	2	-30113
-30114	8	1	47	-31	18.2	2	1.00	0.3	2.8	2.30	0.06	0.12	6.60	0.09	1.37		4.30	0.11		4	4	-30114
-30115	8	2	16	-32	31.9	2	1.31	0.3	2.1	0.30	0.07	0.37	3.02	0.06	0.28		2.72	0.09		3	3	-30115
-30116	8	2	26	-25	33.3	3	0.63	0.7	0.1	2.50	0.11	0.19	4.95	0.07	1.25		2.45	0.13		2	2	-30116
-30117	8	2	28	-27	44.4	2	2.06	0.5	0.4	2.85	0.09	0.94	6.10	0.07	1.87		3.25	0.11		3	3	-30117
-30118	8	2	36	-29	49.4	2	2.44	0.3	2.4	2.32	0.08	0.37	5.07	0.07	0.87		2.75	0.11		3	2	-30118
-30119	8	3	16	-26	37.4	2	3.94	0.5	0.9	2.89	0.11	0.09	5.74	0.07	0.06		2.85	0.13		3	2	-30119
-30120	8	9	50	-28	9.5	1	1.50	0.3	0.5	2.62	0.07	1.50	6.32	0.07	4.75		3.70	0.10		4	4	-30120
-30121	8	15	6	-31	16.9	2	2.50	0.3	0.2	1.93	0.05	14.50	6.67	0.08	32.00		4.74	0.09	K,I	4	4	-30121
-30122	8	17	56	-29	11.4	2	2.25	0.5	1.9	2.87	0.09	1.69	5.61	0.06	0.75		2.74	0.11		3	3	-30122
-30123	8	19	22	-32	54.1	2	3.50	0.3	0.2	1.71	0.07	1.00	3.71	0.08	0.06		2.00	0.11		2	2	-30123
-30124	8	20	2	-25	28.1	2	5.00	0.3	1.2	1.35	0.05	0.50	4.81	0.05	3.09		3.46	0.07		4	3	-30124
-30125	8	22	55	-30	13.1	2	1.31	0.5	1.7	2.80	0.09	0.66	6.52	0.08	1.31		3.72	0.12		3	3	-30125
-30126	8	26	56	-30	36.9	2	2.25	0.3	0.7	2.38	0.07	0.75	5.82	0.05	5.25		3.44	0.09		4	4	-30126
-30127	8	27	45	-30	23.4	1	1.12	0.3	5.1	0.98	0.04	3.84	4.91	0.05	1.22		3.93	0.06		3	3	-30127
-30128	8	28	29	-31	59.5	2	0.63	0.5	0.2	2.18	0.07	0.31	4.48	0.08	0.06		2.30	0.11		2	2	-30128
-30129	8	30	1	-31	48.4	2	0.37	0.7	0.1	2.81	0.12	1.19	6.55	0.28	-		3.74	0.30		2	1	-30129
-30130	8	32	23	-26	56.4	2	0.12	0.7	2.4	2.79	0.11	0.94	5.15	0.08	2.87		2.36	0.14	I	2	2	-30130
-30131	8	37	38	-29	22.7	2	2.06	0.3	1.1	2.66	0.08	0.56	4.16	0.08	0.09		1.50	0.11		3	3	-30131
-30132	8	41	47	-25	25.5	2	0.94	0.5	0.7	2.40	0.08	1.03	7.25	0.20	4.12		4.85	0.22	I	3	2	-30132
-30133	8	43	25	-28	1.1	2	5.75	0.7	1.0	2.76	0.09	2.87	7.58	0.15	0.12		4.82	0.17		4	4	-30133
-30134	8	44	32	-29	32.6	2	3.00	0.5	0.2	1.78	0.06	1.12	5.03	0.05	1.31		3.25	0.08		3	3	-30134
-30135	8	46	9	-28	27.5	2	2.44	0.3	2.3	0.63	0.04	0.56	3.53	0.06	0.09		2.90	0.07		3	3	-30135
-30136	8	48	26	-27	31.9	2	16.00	0.3	1.0	1.09	0.04	0.37	2.93	0.06	0.28		1.84	0.07		4	3	-30136
-30137	8	57	37	-27	59.0	2	0.50	0.3	0.1	2.73	0.10	0.06	6.59	0.11	0.56		3.86	0.15		2	2	-30137
-30138	8	58	59	-27	19.2	2	0.12	0.3	0.1	2.39	0.09	0.06	5.19	0.07	0.06		2.80	0.11		2	2	-30138
-30139	9	0	45	-27	59.9	2	2.06	0.3	0.2	2.49	0.08	0.66	5.30	0.07	2.06		2.81	0.11		3	2	-30139
-30140	9	2	31	-32	14.0	2	8.25	0.3	4.5	2.26	0.06	2.53	5.28	0.06	0.28		3.02	0.08		3	3	-30140
-30141	9	5	22	-26	2.1	2	2.62	0.5	0.2	2.85	0.11	1.12	7.02	0.12	8.62		4.17	0.16	I	3	3	-30141
-30142	9	5	52	-25	39.4	1	2.06	0.3	0.2	0.89	0.06	0.56	3.21	0.07	0.37		2.32	0.09		3	3	-30142
-30143	9	5	55	-27	6.6	2	0.12	0.7	0.1	3.19	0.14	2.87	6.15	0.08	0.69		2.96	0.16	K	2	2	-30143
-30144	9	7	36	-27	58.8	2	0.12	0.3	0.1	2.61	0.09	0.06	6.49	0.10	2.87		3.88	0.13	I	2	2	-30144
-30145	9	10	22	-26	17.7	2	2.25	0.3	2.8	2.60	0.10	0.37	6.11	0.09	8.06		3.51	0.13	I	3	2	-30145
-30146	9	11	13	-29	27.7	1	2.25	0.3	0.5	2.51	0.06	0.25	4.96	0.04	0.75		2.45	0.07		4	4	-30146
-30147	9	12	37	-29	57.3	2	4.50	0.3	0.2	1.93	0.06	0.09	4.95	0.05	2.44		3.02	0.08		3	3	-30147
-30148	9	15	1	-31	31.6	2	4.50	0.5	0.7	2.32	0.09	0.63	6.67	0.08	3.62		4.35	0.12		4	4	-30148
-30149	9	16	9	-32	49.1	1	3.19	0.3	0.9	0.77	0.04	0.28	4.69	0.05	0.28		3.92	0.06		3	3	-30149
-30150	9	19	17	-25	45.0	1	5.25	0.3	1.7	0.57	0.05	0.63	3.03	0.06	0.12		2.46	0.08		4	4	-30150

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	OTHER CATALOGS BS=HR	GC	DM	VAR	DA S	DD M	NO.
-30101	0 0 1 1 0 2 0 0 0 0	8.10	M3				-27 4610		0	-0.1	-30101
-30102	0 0 0 1 0 0 1 0 0 0										-30102
-30103	1 0 0 0 0 1 0 0 0 0	7.30	M4				-26 5161		-2	0.0	-30103
-30104	0 0 1 1 0 2 0 0 0 0	6.51	A2			10698	-27 4706		12	1.6	-30104
-30105R	0 0 1 1 0 1 1 0 0 0	8.90	K5				-28 5095		2	-0.2	-30105
-30106	0 0 1 1 0 0 1 0 0 0										-30106
-30107	0 0 1 1 0 0 1 0 0 0	6.36	M4		3099	10749	-29 5189		-7	0.3	-30107
-30108	0 0 0 1 0 1 0 0 0 0		A0				-32 4654		0	0.2	-30108
-30109	0 0 0 2 0 1 0 0 0 0	8.59	M				-32 4688		3	-0.4	-30109
-30110	0 0 1 2 0 0 1 0 0 0										-30110
-30111	0 0 0 1 0 1 0 0 0 0	8.90					-31 5393		-2	-0.1	-30111
-30112	1 0 0 0 0 1 0 0 0 0	8.90	M3				-25 5468		-3	-0.7	-30112
-30113	0 0 0 2 0 1 0 0 0 0	5.80	G8	G	3160	10938	-32 4766		1	-0.7	-30113
-30114	0 0 0 2 0 1 1 0 0 0										-30114
-30115	0 0 0 2 0 1 0 0 0 0	5.40	M1	C	3170	10960	-32 4796		-3	0.1	-30115
-30116	1 0 0 0 0 1 0 0 0 0	6.66	K2			10963	-25 5530		0	0.1	-30116
-30117	0 0 1 1 0 1 0 0 0 0	9.20	M0				-27 4937		12	-0.8	-30117
-30118	0 0 1 1 0 0 1 0 0 0	7.62	M0			10968	-29 5474		-2	0.0	-30118
-30119	1 0 0 0 0 2 0 0 0 0	8.50	M1				-26 5488		-1	-0.3	-30119
-30120	0 0 1 1 0 1 1 0 0 0										-30120
-30121	0 0 0 2 0 1 1 0 0 0										-30121
-30122	0 0 0 1 0 0 2 0 0 0	8.00	M2				-28 5857		3	0.0	-30122
-30123	0 0 0 1 0 1 0 0 0 0	4.82	K1	III	3282	11400	-32 5185		-3	-0.5	-30123
-30124	1 0 0 0 0 3 0 0 0 0	8.10	M4				-25 5968		-2	0.1	-30124
-30125	0 0 0 2 0 0 1 0 0 0										-30125
-30126	0 0 0 3 0 0 1 0 0 0										-30126
-30127	0 0 0 2 0 0 1 0 0 0										-30127
-30128	0 0 0 1 0 1 0 0 0 0	5.64	K2		3362	11651	-31 6165		0	-0.1	-30128
-30129	0 0 0 1 0 1 0 0 0 0										-30129
-30130	1 0 0 0 0 1 0 0 0 0	6.62	K2			11760	-26 6200		0	-0.8	-30130
-30131	0 0 0 2 0 0 1 0 0 0	4.89	G4	G	3433	11907	-29 6544		0	0.2	-30131
-30132	1 0 0 0 0 2 0 0 0 0										-30132
-30133	0 0 0 1 0 2 1 0 0 0	7.80				12073	-27 5879	R PYX	1	0.0	-30133
-30134	0 0 0 2 0 0 1 0 0 0	7.60	R8			12117	-29 6735		0	0.0	-30134
-30135	0 0 0 1 0 1 1 0 0 0	6.82	M0			12161	-28 6562		1	-0.3	-30135
-30136	0 0 1 1 0 2 0 0 0 0	4.02	K4	III	3518	12216	-27 5986		1	-0.5	-30136
-30137	0 0 0 1 0 1 0 0 0 0										-30137
-30138	0 0 0 1 0 1 0 0 0 0	7.30	M0				-27 6157		1	-0.1	-30138
-30139	0 0 0 1 0 1 1 0 0 0	7.60	M2				-27 6185		3	0.1	-30139
-30140	0 0 0 2 0 1 0 0 0 0	8.03	MA				-31 6877		6	0.9	-30140
-30141	1 0 0 0 0 1 0 0 0 1										-30141
-30142	1 0 0 0 0 1 0 0 0 1	4.61	M0	G	3628	12614	-25 6895		0	0.0	-30142
-30143	0 0 0 1 0 1 0 0 0 0	8.00	M1				-26 6752		2	-0.5	-30143
-30144	0 0 0 1 0 1 0 0 0 0										-30144
-30145	1 0 0 0 0 1 0 0 0 1	8.40	M3				-26 6822		0	0.5	-30145
-30146	0 0 0 2 0 0 2 0 0 0	6.53	K5			12733	-29 7239		-1	-0.3	-30146
-30147	0 0 0 2 0 0 1 0 0 0	7.70	M3			12762	-29 7270		0	-0.1	-30147
-30148	0 0 0 2 0 1 1 0 0 0										-30148
-30149	0 0 0 1 0 1 1 0 0 0										-30149
-30150	1 0 0 0 0 2 0 0 0 1	4.72	M1	III	3718	12916	-25 7114		0	0.1	-30150

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-30151	9	21	3	-28	36.3	2	6.75	0.3	2.6	2.58	0.08	1.59	4.07	0.07	0.09		1.49	0.11		3	3	-30151
-30152	9	25	16	-29	14.1	1	4.50	0.3	1.9	2.00	0.06	0.94	6.24	0.07	0.56		4.24	0.09		3	3	-30152
-30153	9	27	44	-26	22.2	1	3.00	0.3	1.1	2.52	0.08	2.06	4.59	0.07	3.19		2.07	0.11		3	3	-30153
-30154R	9	33	51	-25	42.1	2	4.50	0.3	1.2	2.75	0.09	1.00	5.56	-	-	Q	2.81	-		4	3	-30154
-30155	9	39	44	-32	16.7	2	2.25	0.7	0.4	2.97	0.11	0.47	6.19	0.13	-		3.22	0.17		3	1	-30155
-30156	9	48	54	-29	39.4	1	2.81	0.3	1.1	1.42	0.04	10.31	5.60	0.06	0.66		4.18	0.07	K	3	3	-30156
-30157	9	51	56	-25	41.5	1	7.00	0.3	1.5	2.11	0.06	0.25	3.97	0.07	0.37		1.86	0.09		4	4	-30157
-30158	9	52	47	-25	7.8	1	9.25	0.3	0.5	1.94	0.07	0.12	5.60	0.06	8.25		3.66	0.09	I	4	4	-30158
-30159	9	54	14	-32	0.0	2	1.25	0.3	0.1	2.41	0.08	0.06	5.61	0.07	0.06		3.20	0.11		2	2	-30159
-30160	10	9	50	-32	20.6	2	5.62	0.3	3.0	2.27	0.07	4.22	5.57	-	-	Q	3.30	-		3	3	-30160
-30161	10	13	34	-26	14.2	2	5.62	0.5	0.4	2.64	0.09	1.59	6.11	-	-	Q	3.47	-		3	3	-30161
-30162	10	13	38	-31	55.6	2	0.37	0.5	0.1	2.36	0.09	0.69	5.47	0.07	1.19		3.11	0.11		2	2	-30162
-30163	10	13	41	-30	43.0	2	2.44	0.3	0.4	2.79	0.09	3.00	6.53	0.08	9.09		3.74	0.12	I	3	3	-30163
-30164	10	24	52	-30	48.9	1	6.75	0.3	0.2	0.91	0.04	0.75	2.96	0.05	1.50		2.05	0.06		4	4	-30164
-30165	10	24	58	-25	17.5	2	5.25	0.7	1.0	2.80	0.13	7.00	8.37	0.33	4.78		5.57	0.35	K,I	4	3	-30165
-30166	10	27	12	-29	24.5	1	5.75	0.3	0.7	2.40	0.06	0.87	4.42	0.06	0.12		2.02	0.08		4	4	-30166
-30167	10	34	53	-27	9.4	2	4.50	0.3	5.3	0.76	0.04	0.75	3.18	0.06	0.47		2.42	0.07		4	3	-30167
-30168	10	45	12	-31	20.2	2	5.75	0.3	0.2	2.33	0.06	0.75	4.95	0.04	3.00		2.62	0.07		4	4	-30168
-30169	10	48	56	-28	21.5	1	2.19	0.3	0.3	2.65	0.07	4.06	6.86	0.09	27.34		4.21	0.11	I	5	5	-30169
-30170	11	0	50	-31	41.3	2	0.12	0.3	0.5	2.10	0.07	1.06	4.78	0.06	0.25		2.68	0.09		2	2	-30170
-30171	11	9	50	-32	9.9	2	1.00	0.3	0.2	1.85	0.06	3.25	4.51	0.06	0.09		2.66	0.08		4	3	-30171
-30172	11	9	52	-29	30.7	2	1.25	0.5	1.2	2.99	0.10	0.63	5.59	0.05	0.37		2.60	0.11		4	4	-30172
-30173	11	12	13	-25	48.5	1	5.62	0.2	2.8	1.55	0.05	0.47	4.63	0.05	1.09		3.08	0.07		5	5	-30173
-30174	11	16	25	-30	11.9	2	3.19	0.3	1.5	1.70	0.06	6.00	5.68	0.06	0.47		3.98	0.08	K	3	3	-30174
-30175	11	23	53	-25	29.2	1	5.25	0.3	0.7	1.25	0.05	0.56	4.67	0.04	2.81		3.42	0.06		6	6	-30175
-30176	11	29	54	-26	28.5	1	13.50	0.2	3.8	1.54	0.05	0.75	4.28	0.06	0.94		2.74	0.08		6	5	-30176
-30177	11	30	23	-30	48.6	2	3.25	0.3	0.2	1.14	0.05	0.87	3.48	0.05	0.63		2.34	0.07		4	4	-30177
-30178	11	30	34	-31	35.0	2	3.37	0.3	0.6	1.51	0.06	1.78	2.86	0.05	1.03		1.35	0.08		3	3	-30178
-30179	11	37	45	-28	13.0	1	2.25	0.3	1.5	2.71	0.07	1.00	5.39	0.05	1.75		2.68	0.09		4	4	-30179
-30180	11	37	46	-29	58.9	2	1.12	0.5	3.2	2.91	0.11	0.09	7.45	0.16	4.69		4.54	0.19	I	3	3	-30180
-30181	11	39	10	-32	13.4	1	0.19	0.3	0.7	1.82	0.05	0.56	3.98	0.07	0.09		2.16	0.09		3	3	-30181
-30182	11	46	13	-26	28.6	1	4.50	0.3	1.1	-0.31	0.06	1.31	2.57	0.05	0.25		2.88	0.08		6	4	-30182
-30183	11	47	20	-27	18.6	1	3.56	0.3	0.2	1.17	0.05	0.47	4.89	0.05	0.84		3.72	0.07		3	3	-30183
-30184	11	51	40	-30	37.9	2	6.19	0.3	0.4	2.88	0.10	0.09	5.49	0.06	0.37		2.61	0.12		3	3	-30184
-30185	11	53	7	-28	11.6	1	2.50	0.3	1.5	2.40	0.06	0.50	4.70	0.04	1.37		2.30	0.07		4	4	-30185
-30186	11	56	47	-29	47.1	2	3.56	0.3	0.6	2.63	0.09	0.66	5.26	0.06	0.09		2.63	0.11		3	3	-30186
-30187	12	1	3	-32	7.8	2	7.87	0.3	3.3	2.87	0.14	0.06	5.94	-	-	Q	3.07	-		2	2	-30187
-30188	12	8	56	-26	47.9	1	2.00	0.3	1.0	2.51	0.08	1.00	5.44	0.06	1.87		2.93	0.10		4	4	-30188
-30189	12	12	56	-31	24.9	2	5.00	0.3	0.2	2.72	0.08	1.62	5.56	0.05	0.75		2.84	0.09		4	4	-30189
-30190	12	17	18	-26	27.9	2	0.25	0.3	0.5	2.68	0.08	3.25	5.04	0.05	1.00		2.36	0.09		4	4	-30190
-30191	12	21	12	-30	3.3	2	4.31	0.3	1.3	2.34	0.09	0.09	4.89	-	-	Q	2.55	-		3	3	-30191
-30192	12	34	44	-27	46.4	2	0.37	0.5	0.9	2.44	0.08	0.09	6.24	0.08	2.34		3.80	0.11		3	3	-30192
-30193	12	38	35	-27	38.0	1	0.56	0.3	0.7	1.78	0.05	0.37	4.54	0.06	0.19		2.76	0.08		3	3	-30193
-30194	12	41	22	-28	2.8	2	3.00	0.5	2.8	2.42	0.08	1.75	4.48	0.06	0.63		2.06	0.10		4	4	-30194
-30195	12	45	1	-29	31.2	2	6.00	0.3	0.2	2.62	0.08	1.50	5.73	0.06	1.25		3.11	0.10		4	4	-30195
-30196	12	48	11	-29	34.5	2	8.75	0.3	2.5	2.78	0.08	1.50	7.12	0.11	2.87		4.34	0.14		4	4	-30196
-30197	12	49	5	-30	48.8	2	2.06	0.3	0.4	2.55	0.09	0.19	5.46	0.20	-		2.91	0.22		3	1	-30197
-30198	12	50	6	-25	44.1	1	6.25	0.3	1.2	1.86	0.06	0.47	5.62	0.05	2.19		3.76	0.08		5	5	-30198
-30199	12	56	14	-29	43.4	1	4.06	0.3	2.8	2.57	0.07	2.03	5.35	0.05	0.75		2.78	0.09		5	4	-30199
-30200	13	2	52	-25	45.1	2	1.25	0.3	1.6	2.38	0.08	2.19	6.01	0.06	8.75		3.63	0.10	I	5	4	-30200

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	OTHER CATALOGS BS=HR	GC	DM	VAR	DA S	DD M	NO.
-30151	0 0 0 2 0 0 1 0 0 0	4.72	G7	G	3733	12952	-28 7196		0	0.9	-30151
-30152	0 0 0 2 0 0 1 0 0 0							SX ANT	0	0.1	-30152
-30153	1 0 0 0 0 1 0 0 0 1	5.47	K3	G	3770	13110	-26 7117		3	-0.1	-30153
-30154R	2 0 0 0 0 1 0 0 0 1	8.40	M0				-25 7341		3	-0.7	-30154
-30155	0 0 0 1 0 1 1 0 0 0	9.50					-31 7538		0	0.3	-30155
-30156	0 0 0 2 0 0 1 0 0 0							W ANT	-2	0.3	-30156
-30157	1 0 0 0 0 1 0 0 0 2	4.88	K3	G	3919	13627	-25 7585		-1	0.3	-30157
-30158	1 0 0 0 0 2 0 0 0 1	9.00	M1				-24 8567		0	0.0	-30158
-30159	0 0 0 1 0 0 1 0 0 0	8.64	MA				-31 7795		1	0.3	-30159
-30160	0 0 0 1 0 0 2 0 0 0										-30160
-30161	1 0 0 0 0 1 0 0 0 1	8.80	M				-25 7884		0	-0.1	-30161
-30162	0 0 0 1 0 0 1 0 0 0	7.88	MA				-31 8102		3	0.0	-30162
-30163	0 0 0 2 0 0 1 0 0 0	9.77					-30 8296		-14	2.3	-30163
-30164	0 0 0 3 0 0 1 0 0 0	4.24	M0	III	4104	14352	-30 8465		0	-0.1	-30164
-30165	1 0 0 0 0 2 0 0 0 1							CZ HYA	0	0.4	-30165
-30166	0 0 0 3 0 0 1 0 0 0	5.80	K5	G	4117	14416	-29 8381		1	-0.1	-30166
-30167	1 0 0 1 0 1 0 1 0 0	4.88	M2	G	4162	14603	-26 8033		0	-0.2	-30167
-30168	0 0 0 2 0 0 2 0 0 0	7.20	M0			14859	-30 8723		-1	0.1	-30168
-30169	0 0 0 2 0 0 1 2 0 0							RS HYA	-1	0.3	-30169
-30170	0 0 0 1 0 0 1 0 0 0	6.52	M1		4307	15192	-31 8726		-3	0.2	-30170
-30171	0 0 0 2 0 0 2 0 0 0	6.45	M1		4346	15398	-31 8847		0	-0.2	-30171
-30172	0 0 0 2 0 0 2 0 0 0	7.21	K5			15401	-29 8911		-2	-0.1	-30172
-30173	1 0 0 1 0 0 0 2 0 1	7.53	M3			15455	-25 8542		2	-0.4	-30173
-30174	0 0 0 2 0 0 1 0 0 0	10.10	M8				-29 8996		1	0.1	-30174
-30175	1 0 0 1 0 1 0 2 0 1	8.00	M3				-25 8667		1	-0.4	-30175
-30176	1 0 0 1 0 0 0 2 0 2	6.50	M1		4445	15832	-26 8620		0	-0.3	-30176
-30177	0 0 0 3 0 0 1 0 0 0	5.03	M2	III	4449	15844	-30 9303		-3	0.0	-30177
-30178	0 0 0 2 0 0 1 0 0 0	3.54	G7	III	4450	15845	-31 9083		1	-0.2	-30178
-30179	0 0 0 2 0 0 1 1 0 0	7.24	M0			16022	-27 8237		-2	0.1	-30179
-30180	0 0 0 2 0 0 1 0 0 0										-30180
-30181	0 0 0 2 0 0 1 0 0 0	5.20	K5	III	4503	16055	-31 9181		-4	-0.1	-30181
-30182	1 0 0 2 0 0 0 2 0 1	5.11	M4	III	4532	16183	-26 8789		-1	-0.3	-30182
-30183	0 0 0 2 0 0 0 1 0 0	8.50	M5				-26 8799		0	-0.4	-30183
-30184	0 0 0 2 0 0 1 0 0 0	7.44	M0			16278	-30 9530		0	-0.2	-30184
-30185	0 0 0 2 0 0 1 1 0 0	5.93	K5	G	4565	16312	-27 8384		-1	0.3	-30185
-30186	0 0 0 2 0 0 1 0 0 0	6.97	K5			16393	-29 9468		-2	-0.2	-30186
-30187	0 0 0 1 0 0 1 0 0 0	9.24	M8				-31 9440		-2	0.2	-30187
-30188	1 0 0 1 0 0 0 1 0 1	7.90	M1				-26 9015		-2	-0.3	-30188
-30189	0 0 0 2 0 0 2 0 0 0	7.49	MA				-30 9791		-3	-0.1	-30189
-30190	1 0 0 1 0 0 0 1 0 1	6.77	K5			16810	-26 9090		-2	-0.3	-30190
-30191	0 0 0 2 0 0 1 0 0 0	6.64	K2			16897	-29 9709		1	0.2	-30191
-30192	0 0 0 2 0 0 0 1 0 0										-30192
-30193	0 0 0 2 0 0 0 1 0 0	6.90	M0			17255	-27 8811		1	0.0	-30193
-30194	0 0 0 2 0 0 1 1 0 0	5.73	K4	III	4839	17315	-27 8832		1	0.2	-30194
-30195	0 1 0 2 0 0 1 0 0 0	7.80	M2				-29 9920		0	0.1	-30195
-30196	0 1 0 2 0 0 1 0 0 0							CM HYA	0	0.0	-30196
-30197	0 0 0 2 0 0 1 0 0 0	7.37	M0			17446	-30 10168		3	0.0	-30197
-30198	1 0 0 1 0 0 0 1 0 2	9.00	M5				-25 9487		2	-0.2	-30198
-30199	0 1 0 2 0 0 2 0 0 0	7.34	M0			17606	-29 10043		0	0.4	-30199
-30200	1 0 0 1 0 0 0 2 0 1	8.90	M5E				-25 9594		1	0.0	-30200

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-30201	13	5	21	-32	8.1	2	0.12	0.7	0.1	2.83	0.13	0.19	6.49	0.15	-		3.66	0.20		2	1	-30201
-30202	13	5	48	-32	50.8	2	1.12	0.3	0.4	2.60	0.09	0.09	6.84	0.10	0.66		4.24	0.13		3	3	-30202
-30203	13	14	4	-31	14.9	2	2.50	0.3	1.5	2.91	0.10	1.25	4.51	0.07	0.09		1.60	0.12		4	3	-30203
-30204	13	25	13	-26	9.0	1	1.56	0.3	3.1	2.56	0.06	0.63	5.02	0.05	1.25		2.46	0.08		5	5	-30204
-30205	13	26	5	-31	44.3	2	3.94	0.5	0.6	2.98	0.11	0.09	6.67	0.10	2.16		3.69	0.15		3	3	-30205
-30206	13	38	37	-26	17.2	2	0.19	0.5	0.4	2.93	0.11	0.09	5.59	0.06	0.66		2.66	0.13		3	3	-30206
-30207	13	46	13	-28	7.1	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	-30207
-30208	13	52	30	-26	10.9	2	3.75	0.3	1.2	1.40	0.05	1.12	4.69	0.05	3.00		3.29	0.07		4	4	-30208
-30209	13	54	7	-26	54.8	2	1.69	0.7	0.2	2.99	0.11	0.28	6.27	0.09	1.00		3.28	0.14		3	2	-30209
-30210	13	54	51	-30	49.5	2	12.00	0.3	0.6	1.99	0.06	24.00	6.66	0.14	16.00		4.67	0.15	K,I	3	2	-30210
-30211	13	55	56	-32	33.0	2	4.87	0.3	1.1	2.64	0.10	1.12	6.14	0.06	0.78		3.50	0.12		6	5	-30211
-30212	13	59	32	-27	11.1	2	0.56	0.3	0.9	2.48	0.08	0.47	4.56	0.06	2.16		2.08	0.10		3	3	-30212
-30213	14	3	33	-26	26.2	2	2.06	0.3	0.9	0.74	0.05	0.47	2.38	0.06	0.09		1.64	0.08		3	3	-30213
-30214	14	6	58	-30	23.9	2	4.69	0.3	0.2	2.48	0.07	0.09	6.68	-	-	Q	4.20	-		3	3	-30214
-30215	14	8	42	-28	38.4	1	8.25	0.3	0.7	1.56	0.05	2.53	5.34	-	-	Q	3.78	-		3	3	-30215
-30216	14	9	50	-27	1.6	2	4.00	0.5	1.7	2.39	0.08	1.37	4.29	0.07	2.50		1.90	0.11		4	4	-30216
-30217	14	10	37	-29	40.5	2	3.94	0.3	1.5	2.75	0.08	5.16	7.95	0.25	22.97		5.20	0.26	K,I	3	3	-30217
-30218	14	16	13	-26	54.9	2	4.69	0.3	0.2	2.49	0.07	0.37	4.91	0.06	0.19		2.42	0.09		3	3	-30218
-30219	14	17	14	-31	16.5	2	3.12	0.5	2.2	2.53	0.07	2.66	6.36	0.06	5.47		3.83	0.09		5	5	-30219
-30220	14	20	13	-27	31.6	2	7.12	0.3	1.5	1.86	0.06	0.75	3.83	0.06	1.87		1.97	0.08		3	3	-30220
-30221	14	22	45	-27	17.9	2	1.69	0.5	0.2	2.93	0.11	1.87	5.90	0.07	2.44		2.97	0.13		3	3	-30221
-30222	14	27	59	-29	52.4	1	5.50	0.3	0.5	-0.50	0.06	0.50	3.71	0.07	3.37		4.21	0.09		4	3	-30222
-30223	14	38	13	-25	4.3	2	8.25	0.5	3.0	2.78	0.08	0.87	6.86	0.09	0.63		4.08	0.12		4	4	-30223
-30224	14	39	2	-28	43.6	1	1.12	0.3	0.2	2.16	0.06	2.62	5.75	0.06	3.94		3.59	0.08		3	3	-30224
-30225	14	44	50	-32	2.6	2	5.50	0.5	0.2	2.81	0.09	0.63	5.82	0.06	1.00		3.01	0.11		4	4	-30225
-30226	14	47	20	-27	45.5	2	0.37	0.3	0.2	1.13	0.05	0.47	3.28	0.06	0.94		2.15	0.08		3	3	-30226
-30227	14	53	26	-32	26.5	1	9.50	0.3	1.5	2.82	0.08	0.75	5.06	0.05	2.62		2.24	0.09		4	4	-30227
-30228	15	1	8	-25	5.3	1	3.50	0.3	0.5	-1.44	0.05	1.12	*	-	-		-	-		4	0*	-30228
-30229	15	6	2	-26	18.5	2	0.50	0.3	0.5	2.31	0.07	1.37	5.11	0.06	0.87		2.80	0.09		4	4	-30229
-30230	15	7	38	-30	57.0	2	0.25	0.3	3.3	2.86	0.10	0.25	7.12	0.15	0.50		4.26	0.18		2	2	-30230
-30231	15	14	46	-29	57.8	2	0.12	0.5	1.6	1.95	0.08	0.63	3.65	0.08	0.12		1.70	0.11		2	2	-30231
-30232	15	15	21	-27	44.9	2	6.56	0.5	0.2	2.52	0.08	3.28	7.35	0.15	3.56		4.83	0.17		3	3	-30232
-30233	15	18	38	-28	30.1	2	1.50	0.3	1.2	2.51	0.07	1.75	6.40	0.07	2.00		3.89	0.10		4	4	-30233
-30234	15	19	4	-32	0.9	1	1.69	0.3	0.4	1.05	0.05	0.09	4.27	0.08	0.66		3.22	0.09		3	3	-30234
-30235	15	22	8	-26	34.5	2	0.19	0.3	0.2	2.15	0.08	0.56	5.21	0.06	0.28		3.06	0.10		3	3	-30235
-30236	15	30	21	-27	0.9	2	2.19	0.5	1.2	1.89	0.07	10.00	7.34	0.13	4.25		5.45	0.15	K	5	4	-30236
-30237	15	31	35	-27	52.8	2	1.12	0.3	0.9	1.90	0.06	0.66	4.13	0.08	0.84		2.23	0.10		3	3	-30237
-30238	15	33	9	-28	50.0	2	0.25	0.5	0.9	2.77	0.12	1.94	5.49	0.08	0.06		2.72	0.14		2	2	-30238
-30239	15	34	0	-27	58.0	1	4.00	0.3	0.7	0.50	0.05	1.12	2.48	0.05	1.12		1.98	0.07		4	3	-30239
-30240	15	38	26	-29	8.1	2	0.12	0.3	1.1	1.86	0.09	0.06	5.00	-	-	Q	3.14	-		2	2	-30240
-30241	15	40	54	-30	42.6	2	0.50	0.5	1.4	2.88	0.10	0.12	5.77	-	-	Q	2.89	-		2	2	-30241
-30242	15	42	47	-25	20.7	2	1.69	0.5	0.6	2.99	0.11	0.19	5.86	0.07	0.28		2.87	0.13		3	3	-30242
-30243	15	47	30	-29	23.5	2	0.12	0.7	0.4	2.65	0.13	0.06	6.38	0.11	0.19		3.73	0.17		2	2	-30243
-30244	15	47	32	-26	8.7	2	2.62	0.5	0.2	2.93	0.13	1.03	5.31	0.08	0.63		2.38	0.15		3	2	-30244
-30245	15	48	53	-30	2.9	2	10.87	0.7	0.2	2.52	0.09	0.19	6.85	0.13	1.87		4.33	0.16		3	2	-30245
-30246	15	49	44	-25	56.9	2	0.50	0.3	0.5	1.93	0.05	0.12	5.56	0.05	1.75		3.63	0.07		4	4	-30246
-30247	15	55	32	-30	35.4	2	0.12	0.7	0.1	2.64	0.11	0.06	5.71	0.08	0.63		3.07	0.14		2	2	-30247
-30248	15	58	11	-31	44.6	2	9.37	0.5	0.6	2.96	0.10	0.09	5.29	0.06	1.59		2.33	0.12		3	3	-30248
-30249	15	58	31	-25	3.0	2	1.75	0.3	1.5	2.51	0.10	0.12	6.17	0.10	0.31		3.66	0.14		4	2	-30249
-30250	15	59	0	-28	50.9	4	-	0.8	-	2.53	0.16	-	6.28	0.12	-		3.75	0.20		1	1	-30250

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-30201	0 1 0 1 0 0 0 0 0 0										-30201
-30202	0 1 0 1 0 0 1 0 0 0										-30202
-30203	0 1 0 1 0 0 2 0 0 0	5.36	K1	III	5006	17968	-30 10457		-2	-0.4	-30203
-30204	1 1 0 1 0 0 0 1 0 1	6.75	K2				-25 9816		-3	-0.4	-30204
-30205	0 1 0 1 0 0 1 0 0 0										-30205
-30206	0 1 0 1 0 0 0 1 0 0	7.38	K2			18498	-25 9945		-3	-0.5	-30206
-30207	0 1 0 2 0 0 1 1 0 0	7.10	M8E			18659	-27 9429	W HYA	0	0.0	-30207
-30208	0 1 0 2 0 0 0 1 0 0	7.70	M4				-25 10071		0	0.3	-30208
-30209	0 1 0 1 0 0 0 1 0 0	8.80	M3				-26 10002	GH HYA	3	-0.1	-30209
-30210	0 1 0 0 1 0 1 0 0 0							TW CEN	1	-0.3	-30210
-30211	0 2 0 2 0 0 2 0 0 0	9.12	K0				-32 9752		-2	0.0	-30211
-30212	0 1 0 1 0 0 0 1 0 0	5.74	K3	G	5265	18954	-26 10060		0	0.2	-30212
-30213	0 1 0 1 0 0 0 1 0 0	3.25	K2	III	5287	19029	-26 10095		1	0.3	-30213
-30214	0 1 0 0 1 0 1 0 0 0							V681 CEN	-1	-0.3	-30214
-30215	0 1 0 0 1 0 1 0 0 0	9.40					-28 10490	RU HYA	0	0.5	-30215
-30216	0 2 0 1 0 0 0 1 0 0	5.25	K3	G	5312	19163	-26 10158		-4	0.0	-30216
-30217	0 1 0 0 1 0 1 0 0 0										-30217
-30218	0 1 0 1 0 0 0 1 0 0	6.56	K2			19306	-26 10223		-2	-0.2	-30218
-30219	0 2 0 0 1 0 2 0 0 0										-30219
-30220	0 1 0 1 0 0 0 1 0 0	4.78	K5	III	5381	19389	-27 9803		0	-0.1	-30220
-30221	0 1 0 1 0 0 0 1 0 0	8.50	M2				-26 10277		-1	-0.2	-30221
-30222	0 2 0 0 1 0 1 0 0 0	7.70	M2			19563	-29 11116	Y CEN	-3	0.2	-30222
-30223	0 1 0 0 1 0 0 2 0 0										-30223
-30224	0 1 0 0 1 0 1 0 0 0	9.00	M3				-28 10885		-2	0.2	-30224
-30225	0 1 0 1 1 0 1 0 0 0	7.61	MA				-31 11467		-2	-0.3	-30225
-30226	0 1 0 1 0 0 0 1 0 0	4.41	K4	G	5526	19954	-27 10073		-1	-0.3	-30226
-30227	0 1 0 1 1 0 1 0 0 0	6.19	K0		5562	20084	-32 10480		-2	-0.4	-30227
-30228	0 1 0 0 1 0 0 2 0 0	3.30	M4	III	5603	20253	-24 11834		-1	0.0	-30228
-30229	0 2 0 1 0 0 0 1 0 0	7.13	M0			20366	-26 10730		3	-0.1	-30229
-30230	0 1 0 0 1 0 0 0 0 0										-30230
-30231	0 1 0 0 1 0 0 0 0 0	4.34	K0	G	5686	20550	-29 11630		-2	0.2	-30231
-30232	0 1 0 1 0 0 0 1 0 0							AR LIB	1	0.2	-30232
-30233	0 1 0 1 1 0 0 1 0 0	8.70	K0				-28 11299	EF LIB	7	0.0	-30233
-30234	0 1 0 1 1 0 0 0 0 0	7.43	M3			20653	-31 11896		0	-0.2	-30234
-30235	0 1 0 1 0 0 0 1 0 0	8.00	M1				-26 10860		-2	0.1	-30235
-30236	0 2 0 1 0 0 0 2 0 0							SV LIB	-1	0.2	-30236
-30237	0 1 0 1 0 0 0 1 0 0	5.19	K4	G	5775	20918	-27 10443		0	0.1	-30237
-30238	0 1 0 0 1 0 0 0 0 0	7.02	K5			20958	-28 11434		-1	0.0	-30238
-30239	0 1 0 1 1 0 0 1 0 0	3.60	K5	III	5794	20979	-27 10464		1	0.3	-30239
-30240	0 1 0 0 1 0 0 0 0 0	7.57	M0			21082	-28 11499		-3	0.3	-30240
-30241	0 1 0 0 1 0 0 0 0 0										-30241
-30242	0 1 0 0 1 0 0 1 0 0	7.30	K5				-25 11070		1	-0.3	-30242
-30243	0 1 0 0 1 0 0 0 0 0	9.40	M3				-29 12005		2	-0.4	-30243
-30244	0 1 0 1 0 0 0 1 0 0	6.67	K0			21277	-25 11125		-2	-0.4	-30244
-30245	0 2 0 0 1 0 0 0 0 0										-30245
-30246	0 1 0 1 0 0 0 2 0 0	8.90	M5				-25 11162		0	0.0	-30246
-30247	0 1 0 0 1 0 0 0 0 0	7.78	MA				-30 12706		-2	-0.5	-30247
-30248	0 1 0 1 1 0 0 0 0 0	6.40	K0		5956	21504	-31 12470		1	0.4	-30248
-30249	0 1 0 0 1 0 0 2 0 0	8.60	A2				-24 12458		4	0.4	-30249
-30250	0 0 0 0 1 0 0 0 0 0	8.90	M2				-28 11805		5	-0.2	-30250

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-30251	15	59	28	-26	0.6	2	3.75	0.3	0.2	2.32	0.07	0.37	5.29	0.05	0.12		2.97	0.09		4	4	-30251
-30252	16	0	20	-25	43.3	1	1.50	0.3	1.2	2.18	0.06	1.12	4.08	0.07	0.12		1.90	0.09		4	4	-30252
-30253	16	5	6	-26	11.6	2	0.94	0.3	0.2	0.76	0.05	0.09	3.51	0.07	0.09		2.75	0.09		3	3	-30253
-30254	16	5	38	-32	42.9	2	0.75	0.5	2.4	2.51	0.07	0.19	6.19	0.07	3.84		3.68	0.10		3	3	-30254
-30255	16	7	17	-29	9.5	2	0.12	0.5	1.2	2.43	0.09	0.12	5.75	0.09	0.44		3.32	0.13		2	2	-30255
-30256	16	7	57	-29	17.4	2	0.25	0.5	0.2	2.43	0.09	0.37	4.36	0.11	0.50		1.93	0.14		2	2	-30256
-30257	16	10	19	-32	13.0	2	0.94	0.3	0.6	1.79	0.06	0.09	5.88	0.07	3.00		4.09	0.09		3	3	-30257
-30258	16	11	33	-32	15.4	2	0.94	0.3	4.1	2.81	0.10	0.66	6.36	-	-	Q	3.55	-		3	3	-30258
-30259	16	15	41	-28	37.3	2	1.37	0.5	0.1	2.87	0.12	1.81	7.85	0.25	5.44		4.98	0.28	I	2	2	-30259
-30260	16	18	8	-25	28.1	2	0.56	0.5	0.6	2.50	0.08	0.09	2.82	0.06	0.09		0.32	0.10		3	3	-30260
-30261	16	18	32	-27	48.1	2	0.56	0.7	0.4	2.92	0.11	0.56	6.55	0.09	0.09		3.63	0.14		3	3	-30261
-30262	16	19	13	-31	53.3	2	2.06	0.3	0.2	2.99	0.11	1.31	6.81	0.13	0.63		3.82	0.17		3	2	-30262
-30263	16	21	1	-28	8.0	2	3.12	0.3	0.9	2.35	0.07	0.94	6.90	0.08	3.12		4.55	0.11		5	5	-30263
-30264	16	24	14	-31	11.7	2	1.69	0.3	1.7	2.09	0.07	0.56	6.28	0.07	0.56		4.19	0.10		3	3	-30264
-30265	16	26	20	-26	19.4	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	-30265
-30266	16	33	28	-31	8.1	2	2.25	0.3	0.4	0.54	0.06	1.12	4.86	0.06	3.28		4.32	0.08		3	3	-30266
-30267	16	36	59	-28	51.4	2	0.56	0.5	0.4	2.71	0.11	0.37	5.50	0.06	0.47		2.79	0.13		3	3	-30267
-30268	16	37	25	-32	17.1	1	1.50	0.3	1.2	1.16	0.05	3.62	5.59	0.05	26.75		4.43	0.07	I	4	4	-30268
-30269	16	38	44	-27	0.6	2	0.56	0.3	0.9	0.92	0.05	0.47	4.70	0.06	0.37		3.78	0.08		3	3	-30269
-30270	16	49	23	-30	16.1	2	0.12	0.5	1.4	2.03	0.08	0.06	6.40	0.10	0.19		4.37	0.13		2	2	-30270
-30271	16	53	26	-30	29.6	2	2.50	0.3	0.2	-0.30	0.06	7.94	3.46	0.07	0.31		3.76	0.09	K	2	2	-30271
-30272	16	53	32	-32	54.8	2	0.12	0.5	0.1	2.97	0.11	0.25	7.44	0.19	2.00		4.47	0.22		2	2	-30272
-30273	16	54	37	-32	30.4	2	8.25	0.5	0.2	2.49	0.08	0.09	6.57	0.09	2.91		4.08	0.12		3	3	-30273
-30274	16	56	55	-25	1.1	2	2.00	0.3	2.0	1.41	0.06	0.75	4.08	0.14	0.06		2.67	0.15		4	2	-30274
-30275	16	57	50	-29	36.1	2	1.00	0.3	0.7	1.74	0.06	2.25	4.84	-	-	Q	3.10	-		4	4	-30275
-30276	16	59	7	-29	31.1	1	1.75	0.3	2.5	2.21	0.05	1.37	7.44	0.15	0.94		5.23	0.16		4	3	-30276
-30277	16	59	31	-32	39.4	2	15.00	0.3	0.5	2.81	0.08	1.75	7.04	0.12	5.06		4.23	0.14	I	4	3	-30277
-30278	17	2	40	-29	36.9	1	4.00	0.3	12.5	2.47	0.07	1.62	5.93	0.06	1.25		3.46	0.09		4	4	-30278
-30279	17	4	20	-31	46.1	2	6.75	0.3	0.2	2.75	0.08	4.62	7.27	0.23	-		4.52	0.24		4	1	-30279
-30280	17	5	7	-30	59.4	2	0.12	0.3	0.7	2.34	0.08	0.06	6.92	0.13	0.06		4.58	0.15		2	2	-30280
-30281	17	6	40	-31	18.9	2	5.62	0.3	0.3	2.00	0.08	0.63	7.71	0.15	1.56		5.71	0.17		5	5	-30281
-30282	17	8	2	-32	15.9	1	10.50	0.3	2.3	0.32	0.05	3.50	4.31	0.06	16.38		3.99	0.08	I	4	4	-30282
-30283	17	8	58	-29	15.2	1	1.50	0.3	2.0	2.83	0.07	1.50	7.34	0.13	0.75		4.51	0.15		4	4	-30283
-30284	17	9	43	-32	43.9	1	5.50	0.3	1.5	2.56	0.06	2.00	7.85	-	-	Q	5.29	-		4	4	-30284
-30285	17	10	28	-31	47.4	2	12.25	0.3	3.0	3.10	0.11	8.75	8.39	0.35	1.12		5.29	0.37	K	4	3	-30285
-30286	17	10	47	-31	24.2	2	16.00	0.3	1.0	2.58	0.08	2.12	7.21	0.12	3.62		4.63	0.14		4	4	-30286
-30287	17	12	1	-30	29.2	2	0.12	0.3	0.2	1.19	0.06	0.94	4.90	0.07	0.06		3.71	0.09		2	2	-30287
-30288R	17	12	14	-26	32.3	2	2.75	0.3	1.5	2.23	0.06	0.25	3.70	0.05	1.37		1.47	0.08		4	4	-30288
-30289	17	13	5	-31	25.4	2	10.75	0.3	0.7	2.54	0.08	1.37	7.20	0.13	1.12		4.66	0.15		4	4	-30289
-30290	17	14	58	-25	31.7	2	1.25	0.3	0.2	2.97	0.08	2.75	6.92	0.09	0.75		3.95	0.12		4	4	-30290
-30291	17	20	13	-28	5.8	1	4.37	0.2	1.7	1.62	0.04	0.87	3.97	0.05	1.53		2.35	0.06		7	7	-30291
-30292	17	20	38	-28	26.1	1	3.50	0.2	1.7	0.72	0.03	7.22	5.14	0.04	20.34		4.42	0.05	I	7	7	-30292
-30293	17	20	50	-29	16.9	1	4.00	0.3	1.5	1.83	0.05	4.25	6.37	0.07	3.00		4.54	0.09		4	4	-30293
-30294	17	22	27	-26	48.4	1	1.50	0.3	0.2	1.59	0.04	0.12	6.51	0.07	1.25		4.92	0.08		4	4	-30294
-30295	17	22	34	-25	20.6	2	4.12	0.3	1.1	2.58	0.07	1.12	6.59	0.07	0.47		4.01	0.10		6	5	-30295
-30296	17	23	6	-32	58.6	1	5.00	0.3	10.0	2.95	0.08	1.56	6.29	-	-	Q	3.34	-		5	5	-30296
-30297	17	23	45	-31	3.3	2	11.00	0.3	0.7	1.15	0.07	1.00	5.37	0.07	2.25		4.22	0.10		4	4	-30297
-30298	17	24	22	-31	4.5	2	13.00	0.7	0.2	2.53	0.09	1.00	6.87	0.10	0.37		4.34	0.13		4	3	-30298
-30299	17	25	18	-29	1.5	1	0.75	0.3	1.0	2.41	0.06	1.12	5.36	0.06	1.75		2.95	0.08		4	4	-30299
-30300	17	26	53	-26	25.7	1	8.75	0.3	2.5	2.34	0.05	9.87	8.20	0.23	0.12		5.86	0.24	K	4	4	-30300

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-30251	0 1 0 2 0 0 0 1 0 0	7.90	M3				-25 11281		0	0.0	-30251
-30252	0 1 0 2 0 0 0 1 0 0	5.10	K5	G	5969	21556	-25 11295		1	0.4	-30252
-30253	0 1 0 1 0 0 0 1 0 0	5.38	M2	G	6001	21673	-25 11369		1	0.0	-30253
-30254	0 1 0 1 1 0 0 0 0 0	9.28	G5				-32 11445		0	0.0	-30254
-30255	0 1 0 0 1 0 0 0 0 0	7.50	M2				-28 11930		0	-0.3	-30255
-30256	0 1 0 0 1 0 0 0 0 0	5.16	K3	G	6017	21749	-29 12343		1	-0.2	-30256
-30257	0 1 0 1 1 0 0 0 0 0										-30257
-30258	0 1 0 1 1 0 0 0 0 0							KR SCO	-8	0.5	-30258
-30259	0 1 0 0 1 0 0 0 0 0										-30259
-30260	0 1 0 0 1 0 0 1 0 0	2.89	B1	III	6084	21982	-25 11485	SIG SCO	0	0.3	-30260
-30261	0 1 0 1 0 0 0 1 0 0	8.80	M				-27 10909		1	0.7	-30261
-30262	0 1 0 1 1 0 0 0 0 0										-30262
-30263	0 1 0 2 1 0 0 1 0 0										-30263
-30264	0 1 0 0 2 0 0 0 0 0							WW SCO	3	0.2	-30264
-30265	0 1 0 1 0 0 0 1 0 0	1.08	M1	II	6134	22157	-26 11359	ALF SCO	0	0.0	-30265
-30266	0 1 0 0 2 0 0 0 0 0							ST SCO	2	-0.2	-30266
-30267	0 2 0 0 1 0 0 0 0 0	7.00	K5			22401	-28 12277		-4	-0.8	-30267
-30268	0 1 0 1 2 0 0 0 0 0						-32 11900	SU SCO	0	-0.1	-30268
-30269	0 1 0 1 0 0 0 1 0 0	8.60	M5				-26 11477	AX SCO	0	0.0	-30269
-30270	0 1 0 0 1 0 0 0 0 0										-30270
-30271	0 1 0 0 1 0 0 0 0 0	5.50	M6E			22820	-30 13626	RR SCO	-1	0.5	-30271
-30272	0 0 0 0 1 0 0 1 0 0										-30272
-30273	0 1 0 0 1 0 0 1 0 0							EW SCO	0	-0.1	-30273
-30274	0 1 0 0 1 0 0 2 0 0	5.86	M3	G	6308	22898	-24 12997		1	0.0	-30274
-30275	0 3 0 0 1 0 0 0 0 0	7.60	M3				-29 13106		-1	-0.2	-30275
-30276	0 3 0 0 1 0 0 0 0 0										-30276
-30277	0 2 0 0 1 0 0 1 0 0										-30277
-30278	0 3 0 0 1 0 0 0 0 0	8.30	M2				-29 13185	V349 OPH	1	-1.7	-30278
-30279	0 1 0 1 1 0 0 1 0 0										-30279
-30280	0 1 0 0 1 0 0 0 0 0							V459 SCO	-2	0.2	-30280
-30281	0 1 0 0 3 0 0 1 0 0										-30281
-30282	0 2 0 0 1 0 0 1 0 0	10.40	MD				-32 12429	AH SCO	0	0.0	-30282
-30283	0 3 0 0 1 0 0 0 0 0										-30283
-30284	0 2 0 0 1 0 0 1 0 0										-30284
-30285	0 2 0 0 1 0 0 1 0 0										-30285
-30286	0 1 0 0 2 0 0 1 0 0										-30286
-30287	0 1 0 0 1 0 0 0 0 0	8.02	MB				-30 13953		-3	-0.4	-30287
-30288R	0 0 0 1 1 0 0 2 0 0	5.33	K1	V	6401	23274	-26 12026		-2	-0.4	-30288
-30289	0 1 0 0 2 0 0 1 0 0										-30289
-30290	0 1 0 0 1 0 0 2 0 0										-30290
-30291	0 3 0 0 2 0 0 2 0 0	5.43	K5	G	6459	23492	-28 13081		0	0.0	-30291
-30292	0 3 0 0 2 0 0 2 0 0							V521 OPH	-2	-0.1	-30292
-30293	0 3 0 0 1 0 0 0 0 0										-30293
-30294	0 0 0 1 1 0 0 2 0 0										-30294
-30295	0 1 0 0 2 0 0 3 0 0										-30295
-30296	0 2 0 0 2 0 0 1 0 0	9.40					-32 12730		-3	-2.4	-30296
-30297	0 1 0 0 2 0 0 1 0 0	8.56	K0				-30 14203		2	-0.2	-30297
-30298	0 1 0 0 2 0 0 1 0 0							V479 SCO	-6	1.4	-30298
-30299	0 3 0 0 1 0 0 0 0 0	7.50	K5				-28 13185		1	-0.4	-30299
-30300	0 0 0 1 1 0 0 2 0 0										-30300

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-30301	17	27	19	-26	43.1	1	1.50	0.3	1.5	1.54	0.04	1.37	8.01	0.20	0.25		6.47	0.20		4	4	-30301
-30302	17	27	47	-27	16.9	1	9.19	0.3	2.2	2.82	0.06	4.16	7.86	0.18	0.12		5.04	0.19		7	4	-30302
-30303	17	32	17	-31	59.0	1	0.50	0.3	4.3	2.77	0.07	0.12	9.12	0.51	0.09		6.35	0.51		4	3	-30303
-30304	17	33	36	-32	14.0	1	3.12	0.3	7.2	2.65	0.06	3.12	7.38	-	-	Q	4.73	-		5	5	-30304
-30305	17	34	55	-32	7.4	2	5.50	0.3	2.0	2.51	0.07	1.25	8.48	0.56	-		5.97	0.56		4	1	-30305
-30306	17	35	0	-30	39.5	2	4.50	0.3	1.1	2.72	0.09	0.09	8.26	0.32	0.19		5.54	0.33		3	2	-30306
-30307	17	35	4	-28	0.9	1	6.75	0.2	1.7	1.84	0.03	2.25	4.89	0.04	3.28		3.05	0.05		9	7	-30307
-30308	17	35	27	-31	55.8	1	3.12	0.3	6.3	2.71	0.07	1.56	9.45	0.88	-		6.74	0.88		5	1	-30308
-30309	17	36	2	-31	41.5	1	5.62	0.3	3.8	2.85	0.07	2.97	7.33	0.10	1.41		4.48	0.12		5	5	-30309
-30310	17	36	38	-31	26.2	1	2.19	0.3	2.8	2.84	0.07	0.63	7.67	0.16	0.63		4.83	0.17		5	4	-30310
-30311	17	37	26	-29	12.2	2	4.00	0.3	0.2	2.99	0.09	0.87	9.23	0.74	-		6.24	0.75		4	1	-30311
-30312	17	37	29	-31	56.6	1	1.87	0.2	1.2	1.70	0.04	0.63	8.26	0.30	0.56		6.56	0.30		5	3	-30312
-30313	17	37	43	-32	11.2	1	4.50	0.3	1.2	1.95	0.05	1.25	4.59	0.05	3.25		2.64	0.07		4	4	-30313
-30314	17	38	6	-30	17.7	2	9.37	0.5	3.2	2.19	0.11	1.50	8.14	0.33	0.06		5.95	0.35		3	2	-30314
-30315	17	39	26	-25	16.0	1	1.87	0.3	5.0	2.09	0.05	0.78	6.53	0.07	0.75		4.44	0.09		5	4	-30315
-30316	17	39	30	-30	4.9	2	0.50	0.5	5.3	2.20	0.07	0.12	7.58	0.21	0.06		5.38	0.22		4	2	-30316
-30317	17	40	18	-32	38.3	2	6.50	0.3	2.5	0.60	0.05	3.00	3.73	0.07	2.62		3.13	0.09		4	4	-30317
-30318	17	40	58	-30	24.1	2	8.00	0.5	2.5	2.70	0.11	2.00	8.58	0.35	0.09		5.88	0.37		4	3	-30318
-30319	17	42	2	-28	18.2	1	7.44	0.2	3.5	1.91	0.04	1.09	5.88	0.09	0.25		3.97	0.10		7	4	-30319
-30320	17	42	2	-28	9.5	1	0.87	0.3	5.7	2.96	0.07	5.47	8.02	0.23	1.69		5.06	0.24		7	3	-30320
-30321R	17	42	31	-28	58.0	1	5.31	0.3	2.2	2.78	0.06	2.50	7.41	0.15	0.12		4.63	0.16		5	4	-30321
-30322	17	42	37	-28	38.0	1	1.75	0.3	12.5	2.97	0.09	1.37	7.70	0.18	0.09		4.73	0.20		4	3	-30322
-30323	17	43	56	-26	57.5	2	2.25	0.3	1.0	2.67	0.07	0.75	7.10	0.11	0.37		4.43	0.13		4	3	-30323
-30324	17	44	25	-27	49.3	1	3.37	0.2	13.9	2.52	0.05	3.00	3.86	0.05	6.94		1.34	0.07		6	6	-30324
-30325	17	46	50	-28	59.8	1	3.50	0.3	0.5	2.67	0.07	5.62	7.46	0.16	0.28		4.79	0.17		4	3	-30325
-30326	17	48	51	-28	0.7	1	0.44	0.2	1.3	1.31	0.04	3.94	5.41	0.05	4.22		4.10	0.06		7	5	-30326
-30327	17	48	58	-29	37.3	2	1.12	0.3	0.2	2.47	0.08	0.19	6.14	0.08	0.28		3.67	0.11		3	3	-30327
-30328	17	49	31	-28	38.4	1	8.00	0.3	6.0	2.59	0.06	2.25	7.20	0.11	0.47		4.61	0.13		8	5	-30328
-30329	17	50	4	-31	43.3	1	13.75	0.3	2.3	2.70	0.06	0.87	7.28	0.12	0.75		4.58	0.13		4	4	-30329
-30330	17	50	58	-28	19.9	1	2.62	0.2	5.3	2.92	0.06	10.94	7.27	0.15	2.56		4.35	0.16	K	7	2	-30330
-30331	17	52	2	-27	59.5	1	1.87	0.2	2.6	1.77	0.04	0.94	5.72	0.05	2.62		3.95	0.06		6	6	-30331
-30332	17	52	10	-29	6.8	2	5.94	0.3	14.1	2.87	0.07	12.34	6.90	0.12	1.12		4.03	0.14	K	5	3	-30332
-30333	17	52	47	-28	1.4	1	1.31	0.2	1.3	2.09	0.04	4.16	7.29	0.15	0.75		5.20	0.16		7	3	-30333
-30334	17	53	43	-25	16.6	1	4.12	0.3	4.5	2.71	0.06	1.87	7.88	0.15	0.56		5.17	0.16		6	6	-30334
-30335	17	53	49	-26	26.9	2	0.25	0.3	1.2	2.89	0.07	2.50	8.23	0.27	1.03		5.34	0.28		4	3	-30335
-30336	17	53	52	-27	19.1	1	7.12	0.3	0.4	2.19	0.05	2.25	6.69	0.08	1.25		4.50	0.09		6	5	-30336
-30337	17	53	55	-31	18.5	1	0.94	0.3	5.6	1.36	0.04	1.25	5.84	0.05	2.66		4.48	0.06		5	5	-30337
-30338	17	54	3	-25	48.5	2	12.50	0.3	0.5	3.00	0.08	3.37	7.85	0.17	0.63		4.85	0.19		4	4	-30338
-30339R	17	54	26	-30	9.1	1	1.50	0.3	24.0	2.74	0.09	2.81	6.77	0.10	0.37		4.03	0.13		6	3	-30339
-30340	17	54	27	-29	51.9	2	0.25	0.3	0.7	2.55	0.07	0.87	7.00	0.15	0.09		4.45	0.17		4	3	-30340
-30341	17	55	54	-30	14.7	2	0.56	0.3	2.8	0.68	0.06	1.69	3.27	0.06	0.37		2.59	0.08		3	3	-30341
-30342	17	56	3	-26	38.1	2	1.31	0.7	0.6	2.73	0.10	0.56	7.72	0.42	-		4.99	0.43		3	1	-30342
-30343	17	56	35	-31	17.7	2	2.00	0.3	4.5	2.91	0.09	1.75	8.49	0.30	0.12		5.58	0.31		4	4	-30343
-30344	17	58	3	-25	0.7	2	0.37	0.3	1.1	2.35	0.08	0.37	6.30	-	-	Q	3.95	-		3	2	-30344
-30345	17	59	7	-29	17.1	1	2.81	0.3	7.2	2.93	0.07	2.34	6.96	0.10	0.50		4.03	0.12		5	4	-30345
-30346	17	59	46	-27	49.6	1	3.94	0.2	2.6	2.75	0.06	5.69	5.35	0.05	2.25		2.60	0.08		7	6	-30346
-30347	18	0	8	-25	13.9	1	3.12	0.3	0.9	2.90	0.08	1.25	7.26	0.11	0.63		4.36	0.14		5	4	-30347
-30348	18	1	37	-26	2.4	2	2.62	0.3	0.1	2.22	0.08	0.37	6.60	0.15	-		4.38	0.17		2	1	-30348
-30349	18	1	47	-26	7.0	2	0.12	0.7	0.2	2.28	0.11	0.56	6.83	0.28	-		4.55	0.30		2	1	-30349
-30350	18	1	51	-28	2.9	1	14.50	0.2	4.0	2.07	0.04	25.75	6.54	0.10	10.22		4.47	0.11	K,I	8	3	-30350

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-30301	0 0 0 1 1 0 0 2 0 0										-30301
-30302	0 3 0 1 1 0 0 2 0 0										-30302
-30303	0 2 0 0 1 0 0 1 0 0										-30303
-30304	0 2 0 0 2 0 0 1 0 0										-30304
-30305	0 2 0 0 1 0 0 1 0 0										-30305
-30306	0 2 0 0 1 0 0 0 0 0										-30306
-30307	0 3 0 0 3 0 0 3 0 0	7.02	K5			23888	-27 11764		0	0.2	-30307
-30308	0 2 0 0 2 0 0 1 0 0										-30308
-30309	0 2 0 0 2 0 0 1 0 0	9.28	K5				-31 14353		1	0.3	-30309
-30310	0 2 0 0 2 0 0 1 0 0										-30310
-30311	0 3 0 0 1 0 0 0 0 0										-30311
-30312	0 2 0 0 2 0 0 1 0 0										-30312
-30313	0 2 0 0 1 0 0 1 0 0	7.00	K0			23957	-32 13142	BM SCO	0	0.1	-30313
-30314	0 2 0 0 1 0 0 0 0 0										-30314
-30315	0 0 0 0 2 0 0 3 0 0										-30315
-30316	0 3 0 0 1 0 0 0 0 0										-30316
-30317	0 2 0 0 1 0 0 1 0 0	6.79	M3			24027	-32 13223		-1	0.2	-30317
-30318	0 3 0 0 1 0 0 0 0 0										-30318
-30319	0 3 0 0 2 0 0 2 0 0	8.80	K2				-28 13532		0	0.0	-30319
-30320	0 3 0 0 2 0 0 2 0 0	9.10	A2				-28 13534		-2	1.9	-30320
-30321R	0 3 0 0 2 0 0 0 0 0										-30321
-30322	0 3 0 0 1 0 0 0 0 0	8.50	K0				-28 13555		-12	1.4	-30322
-30323	0 1 0 0 1 0 0 2 0 0	9.00	A0				-26 12343		-6	2.5	-30323
-30324	0 3 0 0 1 0 0 2 0 0	4.20	F8		6616	24135	-27 11930	X SGR	0	-0.4	-30324
-30325	0 3 0 0 1 0 0 0 0 0							V758 SGR	1	0.3	-30325
-30326	0 3 0 0 2 0 0 2 0 0							KW SGR	0	0.0	-30326
-30327	0 2 0 0 1 0 0 0 0 0	9.10	M2				-29 14095		3	0.0	-30327
-30328	0 5 0 0 2 0 0 1 0 0										-30328
-30329	0 2 0 0 1 0 0 1 0 0										-30329
-30330	0 4 0 0 1 0 0 2 0 0										-30330
-30331	0 3 0 0 1 0 0 2 0 0							V776 SGR	-2	0.4	-30331
-30332	0 4 0 0 1 0 0 0 0 0							V745 SGR	3	0.7	-30332
-30333	0 3 0 0 2 0 0 2 0 0							V781 SGR	-2	0.3	-30333
-30334	0 0 0 0 2 0 0 4 0 0										-30334
-30335	0 0 0 0 1 0 0 3 0 0										-30335
-30336	0 3 0 0 1 0 0 2 0 0							V1716SGR	1	-0.1	-30336
-30337	0 2 0 0 2 0 0 1 0 0										-30337
-30338	0 0 0 1 1 0 0 2 0 0										-30338
-30339R	0 5 0 0 1 0 0 0 0 0										-30339
-30340	0 3 0 0 1 0 0 0 0 0	9.10	K5				-29 14248	V1717SGR	2	-0.5	-30340
-30341	0 2 0 0 1 0 0 0 0 0	5.27	M2	II	6693	24451	-30 15035		1	0.3	-30341
-30342	0 1 0 0 0 0 0 2 0 0										-30342
-30343	0 1 0 0 2 0 0 1 0 0							V1725SGR	8	-1.4	-30343
-30344	0 0 0 0 2 0 0 1 0 0										-30344
-30345	0 3 0 0 1 0 0 1 0 0										-30345
-30346	0 4 0 0 1 0 0 2 0 0	6.68	K0			24553	-27 12302		0	0.1	-30346
-30347	0 0 0 0 2 0 0 3 0 0	8.80	K0				-25 12632		-14	2.1	-30347
-30348	0 0 0 0 1 0 0 1 0 0	8.80	A2				-26 12760		3	-1.1	-30348
-30349	0 0 0 0 1 0 0 1 0 0	9.40	B8				-26 12761		9	0.2	-30349
-30350	0 4 0 0 2 0 0 2 0 0							V1804SGR	-3	-0.6	-30350

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-30351	18	1	51	-29	35.3	2	0.31	0.3	0.3	2.96	0.08	3.91	4.40	0.06	13.59		1.44	0.10	I	5	5	-30351
-30352	18	2	27	-27	4.9	2	11.25	0.3	0.5	2.84	0.08	1.75	6.38	0.08	1.59		3.54	0.11		4	3	-30352
-30353	18	2	35	-30	25.5	1	2.75	0.3	3.3	0.71	0.04	1.12	2.09	0.08	-		1.38	0.09		4	1*	-30353
-30354	18	2	38	-25	14.9	1	1.87	0.3	2.8	2.45	0.06	0.47	7.43	0.13	1.12		4.98	0.14		5	4	-30354
-30355	18	2	55	-25	27.1	1	3.44	0.3	1.2	2.52	0.05	0.63	6.74	0.07	0.78		4.22	0.09		5	5	-30355
-30356	18	3	45	-27	51.0	1	9.75	0.2	0.7	1.65	0.04	4.12	5.84	0.09	0.09		4.19	0.10		6	3	-30356
-30357	18	4	19	-26	24.7	2	16.00	0.5	4.8	2.92	0.09	2.87	7.53	0.14	1.62		4.61	0.17		4	4	-30357
-30358	18	4	28	-29	26.7	1	0.94	0.2	0.6	0.93	0.04	2.34	4.74	0.07	6.28		3.81	0.08	I	5	3	-30358
-30359	18	4	56	-28	27.7	1	6.50	0.2	5.0	2.38	0.05	8.75	3.80	0.04	3.75		1.42	0.06		8	8	-30359
-30360	18	5	5	-31	0.6	1	2.19	0.3	2.5	2.80	0.06	1.25	6.27	0.06	0.63		3.47	0.08		5	5	-30360
-30361	18	5	27	-31	13.0	1	1.25	0.3	0.9	3.15	0.08	16.56	8.36	0.34	2.19		5.21	0.35	K	5	2	-30361
-30362	18	5	38	-30	37.3	2	1.00	0.7	0.5	2.98	0.09	0.12	6.72	0.08	1.12		3.74	0.12		4	4	-30362
-30363	18	5	49	-26	16.4	1	0.50	0.3	2.8	2.33	0.06	18.50	7.30	0.16	3.31		4.97	0.17	K,I	4	2	-30363
-30364	18	6	11	-27	40.9	1	6.56	0.3	5.6	2.38	0.06	5.94	5.71	-	-	Q	3.33	-		5	2	-30364
-30365	18	7	21	-26	52.4	2	0.50	0.3	1.2	2.38	0.06	13.62	7.64	0.17	1.12		5.26	0.18	K	4	3	-30365
-30366	18	8	1	-25	46.3	2	6.25	0.3	3.3	2.87	0.08	0.63	5.49	0.09	0.19		2.62	0.12		4	2	-30366
-30367	18	8	59	-29	52.4	1	2.19	0.3	0.6	1.83	0.05	0.78	5.62	0.05	5.25		3.79	0.07		5	4	-30367
-30368	18	10	4	-29	26.2	1	4.06	0.3	3.1	2.92	0.07	2.19	6.69	0.09	4.62		3.77	0.11		5	4	-30368
-30369	18	11	47	-28	41.0	1	1.87	0.2	1.9	1.85	0.05	2.03	5.49	0.05	5.47		3.64	0.07		5	5	-30369
-30370	18	11	52	-29	50.5	1	0.94	0.2	0.9	1.99	0.05	0.78	4.79	0.04	0.63		2.80	0.06		5	5	-30370
-30371	18	12	6	-26	19.9	1	0.50	0.3	0.2	2.50	0.06	1.12	5.66	0.05	2.00		3.16	0.08		4	4	-30371
-30372	18	13	25	-30	1.7	2	4.37	0.3	2.8	2.91	0.07	0.94	8.35	0.28	0.12		5.44	0.29		5	4	-30372
-30373	18	14	43	-27	22.7	1	3.94	0.2	2.2	1.86	0.04	5.91	5.08	0.04	0.87		3.22	0.06		7	7	-30373
-30374	18	14	53	-27	3.8	1	3.94	0.3	2.6	0.86	0.04	4.16	3.21	0.05	0.25		2.35	0.06		7	4	-30374
-30375	18	15	50	-29	47.0	2	0.31	0.3	1.2	2.77	0.06	2.66	7.44	0.13	1.87		4.67	0.14		5	5	-30375
-30376	18	17	46	-29	50.9	1	3.44	0.2	0.6	-0.23	0.05	2.19	*	-	-		-	-		5	0*	-30376
-30377	18	18	35	-26	49.6	2	2.25	0.5	3.0	2.79	0.08	0.12	6.92	0.11	4.00		4.13	0.14		4	4	-30377
-30378	18	19	9	-32	14.0	2	0.75	0.3	2.6	2.48	0.07	2.34	5.83	0.06	2.44		3.35	0.09		3	3	-30378
-30379	18	20	20	-26	0.4	1	3.25	0.3	1.2	2.25	0.05	1.00	5.86	0.06	5.62		3.61	0.08		4	4	-30379
-30380	18	20	59	-29	7.6	2	0.63	0.3	6.6	2.90	0.07	1.25	6.15	0.07	2.50		3.25	0.10		5	4	-30380
-30381	18	21	49	-30	47.4	2	4.50	0.5	1.2	2.67	0.06	0.63	4.72	0.05	1.37		2.05	0.08		4	4	-30381
-30382	18	21	55	-25	58.1	1	0.75	0.3	0.2	2.62	0.06	0.37	6.17	0.07	0.25		3.55	0.09		4	4	-30382
-30383	18	22	18	-32	10.2	2	0.56	0.5	0.6	2.97	0.10	1.69	6.28	0.07	2.34		3.31	0.12		3	3	-30383
-30384	18	23	52	-25	42.9	1	1.25	0.3	0.7	2.83	0.08	0.50	7.86	0.18	3.12		5.03	0.20		4	4	-30384
-30385	18	24	49	-27	39.6	1	1.87	0.2	1.9	2.47	0.06	2.03	7.15	0.09	0.78		4.68	0.11		5	5	-30385
-30386	18	24	54	-25	27.0	1	20.13	0.2	6.1	0.47	0.04	4.37	*	-	-		-	-		7	0*	-30386
-30387	18	29	49	-28	56.6	1	1.56	0.2	1.2	2.69	0.07	5.94	7.44	0.16	0.28		4.75	0.17		5	3	-30387
-30388	18	30	20	-28	8.5	1	2.00	0.3	7.0	2.78	0.06	1.00	6.24	0.05	4.50		3.46	0.08		8	8	-30388
-30389	18	32	25	-27	23.2	2	3.75	0.3	1.1	2.22	0.06	3.75	5.45	0.05	2.81		3.23	0.08		6	5	-30389
-30390	18	33	5	-32	22.0	1	1.25	0.3	0.5	1.09	0.05	1.00	4.99	0.05	4.62		3.90	0.07		4	4	-30390
-30391	18	33	6	-28	2.3	1	3.12	0.3	2.2	2.92	0.06	1.87	7.40	0.13	1.37		4.48	0.14		5	4	-30391
-30392	18	36	38	-28	41.9	1	5.62	0.2	0.7	1.45	0.04	4.31	5.90	0.05	4.12		4.45	0.06		6	6	-30392
-30393	18	37	49	-26	7.9	2	1.75	0.3	2.3	2.16	0.06	1.00	6.52	0.08	6.00		4.36	0.10		4	4	-30393
-30394	18	43	40	-29	41.3	2	0.75	0.3	0.9	1.18	0.07	0.84	4.41	0.09	0.37		3.23	0.11		3	3	-30394
-30395	18	51	4	-32	31.6	1	2.50	0.3	0.3	2.99	0.08	1.56	6.96	0.08	2.97		3.97	0.11		5	5	-30395
-30396	18	52	10	-26	21.5	2	4.00	0.3	0.7	2.68	0.08	2.00	2.46	0.06	1.12		-0.22	0.10		4	4	-30396
-30397	18	53	22	-29	38.3	2	0.19	0.3	0.2	2.30	0.07	0.09	6.04	0.07	0.19		3.74	0.10		3	3	-30397
-30398	18	56	4	-29	54.5	2	0.19	0.3	0.4	1.90	0.07	24.00	8.71	0.39	0.28		6.81	0.40	K	3	3	-30398
-30399	18	59	23	-29	56.6	2	0.75	0.5	0.6	2.37	0.07	1.41	2.71	0.06	0.75		0.34	0.09		3	3	-30399
-30400	18	59	39	-25	10.6	2	5.94	0.3	2.8	3.00	0.09	0.31	6.35	0.06	1.25		3.35	0.11		5	5	-30400

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM	VAR	DA S	DD M	NO.
-30351	0 3 0 0 1 0 0 1 0 0	4.30	F8		6742	24605	-29 14447	W SGR	1	-0.2	-30351
-30352	0 1 0 0 1 0 0 2 0 0										-30352
-30353	0 2 0 0 1 0 0 1 0 0	2.98	K0	III	6746	24632	-30 15215		-1	0.1	-30353
-30354	0 0 0 0 2 0 0 3 0 0										-30354
-30355	0 0 0 0 2 0 0 3 0 0										-30355
-30356	0 3 0 0 1 0 0 2 0 0										-30356
-30357	0 1 0 0 1 0 0 2 0 0	9.10	G5				-26 12818		10	-1.0	-30357
-30358	0 3 0 0 1 0 0 1 0 0	8.30	M3				-29 14520		-1	0.2	-30358
-30359	0 4 0 0 2 0 0 2 0 0	4.56	G		6766	24694	-28 14174		1	0.1	-30359
-30360	0 2 0 0 1 0 0 2 0 0	8.49	MA				-31 15135		0	0.2	-30360
-30361	0 2 0 0 1 0 0 2 0 0	9.38	B9				-31 15152		-14	2.3	-30361
-30362	0 2 0 0 1 0 0 1 0 0							V1822SGR	9	2.5	-30362
-30363	0 1 0 0 1 0 0 2 0 0	8.80	K5				-26 12858		-11	2.0	-30363
-30364	0 2 0 0 1 0 0 2 0 0										-30364
-30365	0 1 0 0 1 0 0 2 0 0										-30365
-30366	0 0 0 0 1 0 0 3 0 0	6.89	K0			24779	-25 12844		1	0.2	-30366
-30367	0 3 0 0 1 0 0 1 0 0	9.00	M3				-29 14636	AO SGR	-2	0.0	-30367
-30368	0 3 0 0 1 0 0 1 0 0										-30368
-30369	0 3 0 0 1 0 0 1 0 0	8.60	M3				-28 14345		-1	0.2	-30369
-30370	0 3 0 0 1 0 0 1 0 0	6.81	M0			24884	-29 14714		-1	-0.2	-30370
-30371	0 1 0 0 1 0 0 2 0 0	8.30	M1				-26 12975		2	-0.1	-30371
-30372	0 3 0 0 1 0 0 1 0 0										-30372
-30373	0 4 0 0 1 0 0 2 0 0	7.50	M0				-27 12682		-1	-0.3	-30373
-30374	0 4 0 0 1 0 0 2 0 0	4.66	K5	G	6842	24961	-27 12684		-3	0.0	-30374
-30375	0 3 0 0 1 0 0 1 0 0										-30375
-30376	0 3 0 0 1 0 0 1 0 0	2.70	K2	III	6859	25024	-29 14834	V741 SGR	-2	0.2	-30376
-30377	0 1 0 0 1 0 0 2 0 0										-30377
-30378	0 1 0 0 1 0 0 1 0 0	8.63	MB				-32 14068		0	0.4	-30378
-30379	0 1 0 0 1 0 0 2 0 0	9.00	M0				-26 13102		1	-0.2	-30379
-30380	0 3 0 0 1 0 0 1 0 0	8.50	M0				-29 14894		-3	-0.6	-30380
-30381	0 2 0 0 1 0 0 1 0 0	5.59	K0	III	6888	25120	-30 15661		0	-0.3	-30381
-30382	0 1 0 0 1 0 0 2 0 0	9.00	M0				-26 13128		-1	0.0	-30382
-30383	0 1 0 0 1 0 0 1 0 0	8.56	MB				-32 14126		0	0.1	-30383
-30384	0 1 0 0 1 0 0 2 0 0							HO SGR	1	-0.3	-30384
-30385	0 3 0 0 1 0 0 1 0 0							LP SGR	-4	2.6	-30385
-30386	0 1 0 0 2 0 0 4 0 0	2.84	K2	III	6913	25180	-25 13149		1	0.1	-30386
-30387	0 3 0 0 1 0 0 1 0 0										-30387
-30388	0 3 0 0 2 0 0 3 0 0	8.40	M2				-28 14700		-1	0.0	-30388
-30389	0 3 0 0 1 0 0 2 0 0	7.80	M3				-27 12989		-2	-0.3	-30389
-30390	0 1 0 0 2 0 0 1 0 0	8.55	MC				-32 14296		-1	0.1	-30390
-30391	0 3 0 0 1 0 0 1 0 0										-30391
-30392	0 3 0 0 1 0 0 2 0 0										-30392
-30393	0 1 0 0 1 0 0 2 0 0										-30393
-30394	0 1 0 0 1 0 0 1 0 0	6.82	M3			25702	-29 15345		3	-0.1	-30394
-30395	0 1 0 0 1 1 0 2 0 0	9.16	F5				-32 14645		-11	-1.8	-30395
-30396	0 1 0 0 1 0 0 2 0 0	2.10	B2	V	7121	25941	-26 13595		-1	0.1	-30396
-30397	0 1 0 0 1 0 0 1 0 0	9.10	M4				-29 15528		3	0.0	-30397
-30398	0 1 0 0 1 0 0 1 0 0										-30398
-30399	0 1 0 0 1 0 0 1 0 0	2.60	A2	III	7194	26161	-30 16575		-3	0.6	-30399
-30400	0 1 0 0 2 0 0 2 0 0	8.60	M3				-25 13661		-3	0.1	-30400

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-30401	19	3	48	-27	44.6	1	5.94	0.2	0.3	0.69	0.04	0.16	2.37	0.07	0.31		1.68	0.08		5	2*	-30401
-30402	19	4	25	-28	42.9	2	1.75	0.3	0.5	2.53	0.08	2.50	4.81	0.06	2.75		2.28	0.10		4	4	-30402
-30403	19	4	26	-28	56.1	2	0.75	0.5	0.6	2.88	0.11	0.09	7.99	0.35	6.12		5.11	0.37	I	3	2	-30403
-30404	19	9	19	-32	56.3	1	4.25	0.3	0.2	1.19	0.05	26.25	7.15	-	-	Q	5.96	-	K	4	4	-30404
-30405	19	10	12	-25	59.5	2	0.56	0.3	0.2	2.56	0.08	0.75	4.86	0.06	0.75		2.30	0.10		3	3	-30405
-30406	19	11	23	-29	54.9	2	0.75	0.3	0.2	2.73	0.09	0.09	5.41	0.06	0.37		2.68	0.11		3	3	-30406
-30407	19	12	29	-25	20.6	1	7.50	0.3	1.2	2.91	0.08	0.47	4.71	0.05	3.75		1.80	0.09		5	5	-30407
-30408	19	16	37	-31	48.5	2	1.50	0.3	1.2	2.74	0.07	1.12	6.82	0.10	0.75		4.08	0.12		4	3	-30408
-30409	19	17	14	-31	54.8	2	4.69	0.3	1.2	2.37	0.07	1.87	4.98	0.05	0.94		2.61	0.09		5	3	-30409
-30410	19	19	13	-32	1.7	1	3.50	0.3	0.5	2.18	0.05	0.87	5.02	0.05	1.00		2.84	0.07		4	4	-30410
-30411	19	19	48	-29	9.7	2	0.56	0.3	0.7	2.76	0.09	1.12	5.52	0.06	0.09		2.76	0.11		3	3	-30411
-30412	19	26	45	-27	5.4	2	0.19	0.5	0.2	2.96	0.09	0.09	4.77	0.06	0.09		1.81	0.11		3	3	-30412
-30413	19	29	19	-30	58.5	2	0.37	0.3	0.6	1.02	0.05	0.19	4.05	0.08	0.44		3.03	0.09		3	2	-30413
-30414	19	29	55	-30	28.1	2	1.25	0.5	1.1	2.95	0.11	0.06	5.44	0.07	2.75		2.49	0.13	I	2	2	-30414
-30415	19	37	53	-29	2.1	2	3.56	0.5	0.2	2.85	0.09	0.09	6.84	0.10	0.56		3.99	0.13		3	3	-30415
-30416	19	50	2	-32	13.1	1	6.00	0.2	1.9	1.74	0.05	0.37	5.33	0.04	0.47		3.59	0.06		6	5	-30416
-30417	19	50	44	-31	3.1	2	0.75	0.5	0.1	2.73	0.10	0.87	6.71	0.11	0.63		3.98	0.15		2	2	-30417
-30418	19	52	46	-26	25.9	2	2.00	0.3	0.7	2.92	0.08	3.62	4.26	0.07	0.12		1.34	0.11		4	4	-30418
-30419	19	52	50	-29	19.1	2	7.00	0.3	0.1	0.75	0.06	0.94	5.71	0.09	0.06		4.96	0.11		2	2	-30419
-30420	19	53	5	-28	10.1	2	2.50	0.3	5.0	1.95	0.05	2.66	5.85	0.05	2.81		3.90	0.07		5	5	-30420
-30421	19	53	53	-27	18.2	2	2.25	0.3	0.2	1.38	0.05	2.53	3.39	0.06	0.09		2.01	0.08		3	3	-30421
-30422	19	55	56	-26	19.9	2	0.56	0.5	1.1	2.73	0.08	0.28	4.30	0.08	0.19		1.57	0.11		3	3	-30422
-30423	19	59	34	-27	51.1	1	1.31	0.3	0.7	-0.71	0.05	2.91	*	-	-		-	-		3	0*	-30423
-30424	20	1	9	-32	12.0	1	3.75	0.3	2.0	2.06	0.06	0.37	3.99	0.06	1.12		1.93	0.08		4	4	-30424
-30425	20	3	51	-27	22.1	2	0.75	0.3	0.2	-1.41	0.06	1.87	2.90	0.06	1.87		4.31	0.08		3	3	-30425
-30426	20	4	45	-30	52.8	2	9.56	0.3	0.2	2.49	0.08	0.09	6.14	0.20	-		3.65	0.22		3	1	-30426
-30427	20	6	52	-25	44.8	1	4.00	0.3	1.0	1.70	0.05	2.25	5.62	0.05	0.25		3.92	0.07		4	4	-30427
-30428	20	12	47	-30	8.1	2	11.06	0.5	2.4	2.75	0.09	2.34	5.15	0.06	0.84		2.40	0.11		3	3	-30428
-30429	20	22	17	-30	8.6	2	0.94	0.5	0.9	2.38	0.08	0.28	5.26	0.08	0.75		2.88	0.11		3	3	-30429
-30430	20	24	52	-28	25.6	2	8.62	0.3	1.1	-1.56	0.06	0.84	2.69	0.06	0.06		4.25	0.08		3*	2*	-30430
-30431	20	27	29	-27	10.2	2	1.69	0.3	0.6	2.83	0.10	0.66	6.36	0.09	2.31		3.53	0.13		3	2	-30431
-30432	20	33	20	-30	53.3	2	5.44	0.3	2.8	2.67	0.08	0.19	6.23	0.09	2.87		3.56	0.12	I	3	2	-30432
-30433	20	35	43	-28	15.1	2	4.50	0.3	2.3	2.91	0.08	2.37	7.76	0.16	2.12		4.85	0.18		4	4	-30433
-30434	20	38	17	-31	46.8	1	0.25	0.3	1.5	1.85	0.05	3.37	4.18	0.07	0.12		2.33	0.09		4	4	-30434
-30435	20	43	41	-27	25.5	2	2.06	0.3	1.9	1.90	0.08	1.12	5.03	0.08	0.19		3.13	0.11		3	2	-30435
-30436	20	47	41	-32	14.9	1	5.00	0.3	0.6	2.96	0.08	1.09	5.19	0.04	1.41		2.23	0.09		5	5	-30436
-30437	20	48	52	-27	6.1	2	3.94	0.3	0.9	0.34	0.06	0.75	2.51	0.05	0.84		2.17	0.08		3	3	-30437
-30438	20	51	7	-28	6.4	2	0.19	0.3	0.7	2.22	0.08	1.03	4.76	0.08	0.56		2.54	0.11		3	2	-30438
-30439	20	58	13	-32	27.0	2	0.56	0.5	0.9	2.81	0.10	1.12	4.10	0.08	1.12		1.29	0.13		3	3	-30439
-30440	21	3	22	-32	32.6	1	2.00	0.3	0.2	2.79	0.08	1.37	4.51	0.06	2.50		1.72	0.10		4	4	-30440
-30441	21	4	11	-25	12.6	1	1.31	0.3	0.7	0.57	0.06	0.47	2.95	0.05	2.34		2.38	0.08		3	3	-30441
-30442	21	7	4	-29	55.8	2	0.12	0.5	1.6	2.97	0.12	0.06	5.33	0.08	0.06		2.36	0.14		2	2	-30442
-30443	21	10	18	-27	49.1	2	1.87	0.3	0.4	2.18	0.07	0.28	4.28	0.09	0.19		2.10	0.11		3	3	-30443
-30444	21	18	49	-30	21.9	2	0.12	0.5	0.1	2.41	0.08	0.06	5.92	0.10	-		3.51	0.13		2	1	-30444
-30445	21	26	36	-29	0.4	2	0.87	0.3	0.4	2.74	0.11	0.06	6.14	0.10	1.31		3.40	0.15		2	2	-30445
-30446	21	26	51	-32	41.3	2	0.94	0.5	0.2	2.55	0.09	0.56	6.22	0.08	1.78		3.67	0.12		3	3	-30446
-30447	21	36	22	-30	31.9	2	0.37	0.5	0.9	2.27	0.07	0.12	5.22	0.07	0.87		2.95	0.10		2	2	-30447
-30448	21	39	11	-26	5.3	2	1.25	0.3	1.9	2.68	0.10	0.44	5.55	0.08	0.94		2.87	0.13		2	2	-30448
-30449	22	0	27	-31	41.4	1	2.19	0.3	1.6	1.00	0.05	1.09	4.11	0.06	1.72		3.11	0.08		5	5	-30449
-30450	22	1	31	-30	9.4	2	2.25	0.5	2.1	2.49	0.09	0.09	4.89	0.06	0.09		2.40	0.11		3	3	-30450

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM	VAR	DA S	DD M	NO.
-30401	0 3 0 0 1 0 0 1 0 0	3.32	K1	III	7234	26291	-27 13564		-2	0.1	-30401
-30402	0 2 0 0 1 0 0 1 0 0	6.19	K2		7240	26308	-28 15403		2	0.1	-30402
-30403	0 1 0 0 1 0 0 1 0 0							AG SGR	0	0.6	-30403
-30404	0 1 0 0 1 1 0 1 0 0							V342 SGR	-2	-0.1	-30404
-30405	0 1 0 0 1 0 0 1 0 0	5.86	K0	C	7277	26463	-26 13936		3	0.0	-30405
-30406	0 1 0 0 1 0 0 1 0 0	6.98	K5			26497	-30 16800		-4	0.2	-30406
-30407	0 1 0 0 2 0 0 2 0 0	4.86	F5	D	7292	26516	-25 13866		0	0.1	-30407
-30408	0 1 0 0 1 1 0 1 0 0							SW SGR	-2	0.3	-30408
-30409	0 2 0 0 1 1 0 1 0 0	6.58	M0	G	7323	26648	-32 15071		0	0.0	-30409
-30410	0 1 0 0 1 1 0 1 0 0	6.91	MA				-32 15110		0	0.2	-30410
-30411	0 1 0 0 1 0 0 1 0 0	7.30	K5				-29 16059		0	-0.1	-30411
-30412	0 1 0 0 1 0 0 1 0 0	5.45	K3	III	7398	26911	-27 14004		-2	0.0	-30412
-30413	0 2 0 0 1 0 0 0 0 0	6.66	M0			26967	-31 16797		1	0.1	-30413
-30414	0 1 0 0 1 0 0 0 0 0	6.74	K0			26987	-30 17138		1	0.1	-30414
-30415	0 1 0 0 2 0 0 0 0 0										-30415
-30416	0 1 0 0 1 2 0 2 0 0	8.35	MB				-32 15547		-1	0.0	-30416
-30417	0 1 0 0 1 0 0 0 0 0										-30417
-30418	0 1 0 0 1 0 0 2 0 0	4.70	G5	D	7597	27583	-26 14637		-2	0.2	-30418
-30419	0 1 0 0 1 0 0 0 0 0	8.30	A2				-29 16642	RR SGR	11	1.3	-30419
-30420	0 1 0 0 3 0 0 1 0 0	8.90					-28 16278		-2	0.2	-30420
-30421	0 1 0 0 1 0 0 1 0 0	4.54	K3	G	7604	27605	-27 14399		0	0.0	-30421
-30422	0 1 0 0 1 0 0 1 0 0	4.84	G5	G	7618	27658	-26 14682		1	0.1	-30422
-30423	0 1 0 0 1 0 0 1 0 0	4.46	M4	III	7650	27763	-28 16355		-2	-0.1	-30423
-30424	0 1 0 0 1 1 0 1 0 0	5.05	K1	G	7659	27811	-32 15682		-1	-0.1	-30424
-30425	0 1 0 0 1 0 0 1 0 0	7.80	M8				-27 14534	V1943SGR	-2	0.0	-30425
-30426	0 1 0 0 1 1 0 0 0 0	10.20					-31 17324		2	-0.3	-30426
-30427	0 1 0 0 2 0 0 1 0 0	9.00	M3				-25 14587		-1	-0.1	-30427
-30428	0 1 0 0 1 1 0 0 0 0	6.38	K2		7725	28127	-30 17773		3	1.4	-30428
-30429	0 2 0 0 0 1 0 0 0 0	7.48	M3			28390	-30 17891		1	0.3	-30429
-30430	0 1 0 0 3 0 0 0 0 0	7.10	M6E			28448	-28 16682	T MIC	-2	0.0	-30430
-30431	0 1 0 0 1 0 0 1 0 0	8.80	M0				-27 14847		-1	-0.7	-30431
-30432	0 2 0 0 0 1 0 0 0 0	9.51	MB				-31 17712		4	-0.1	-30432
-30433	0 1 0 0 2 1 0 0 0 0										-30433
-30434	0 1 0 0 0 2 0 1 0 0	5.75	M0	III	7909	28808	-32 16130		-1	-0.2	-30434
-30435	0 1 0 0 2 0 0 0 0 0	8.00	M3				-27 15026		0	-0.5	-30435
-30436	0 1 0 0 0 3 0 1 0 0	6.46	K5		7970	29051	-32 16236		-1	-0.4	-30436
-30437	0 1 0 0 2 0 0 0 0 0	4.11	K5	III	7980	29079	-27 15082		1	0.3	-30437
-30438	0 1 0 0 1 1 0 0 0 0	6.46	M4	G	7997	29139	-28 16975		-1	0.6	-30438
-30439	0 1 0 0 0 2 0 0 0 0	4.66	G4	III	8039	29331	-32 16353		-1	0.3	-30439
-30440	0 2 0 0 0 2 0 0 0 0	5.26	K3	G	8076	29465	-32 16398		0	-0.1	-30440
-30441	0 1 0 0 2 0 0 0 0 0	4.50	M1	III	8080	29490	-25 15235		-2	-0.2	-30441
-30442	0 1 0 0 0 1 0 0 0 0	6.60	K5			29577	-30 18415		-3	-0.2	-30442
-30443	0 2 0 0 1 0 0 0 0 0	5.42	K5	III	8110	29652	-28 17178		-2	0.3	-30443
-30444	0 1 0 0 0 1 0 0 0 0	8.85	MB				-30 18537		4	-0.2	-30444
-30445	0 1 0 0 0 1 0 0 0 0	8.80	M3				-29 17810		1	0.4	-30445
-30446	0 1 0 0 0 2 0 0 0 0	9.64					-33 15605		-2	0.6	-30446
-30447	0 1 0 0 0 1 0 0 0 0	7.47	MA				-30 18752		-2	0.0	-30447
-30448	0 1 0 0 1 0 0 0 0 0	7.50	M0			30367	-26 15756		-2	0.1	-30448
-30449	0 1 0 0 0 4 0 0 0 0	7.08	MB				-32 16875		4	-0.1	-30449
-30450	0 1 1 0 0 1 0 0 0 0	6.46	K5		8405	30856	-30 18985		0	0.2	-30450

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-30451	22	5	59	-32	43.9	2	3.37	0.3	0.9	2.42	0.10	0.19	5.31	0.06	1.87		2.89	0.12		3	3	-30451
-30452	22	37	37	-3C	55.5	2	0.37	0.7	0.1	2.84	0.11	0.25	4.88	0.06	0.06		2.04	0.13		2	2	-30452
-30453	22	39	35	-29	37.6	2	1.87	0.3	0.6	1.12	0.05	0.56	3.94	0.08	0.09		2.82	0.09		3	3	-30453
-30454	22	40	36	-30	45.1	2	0.75	0.7	2.0	2.80	0.15	0.06	5.93	0.07	0.50		3.13	0.17		2	2	-30454
-30455	22	49	26	-25	34.3	1	7.50	0.2	8.6	1.35	0.04	3.37	5.73	0.05	13.59		4.38	0.06	I	6	5	-30455
-30456	22	52	33	-29	52.9	2	3.75	0.3	0.4	-0.62	0.05	2.25	3.70	0.08	0.06		4.32	0.09		2	2	-30456
-30457	22	53	11	-32	48.6	1	2.62	0.3	0.2	2.05	0.06	1.12	3.43	0.06	0.56		1.38	0.08		3	3	-30457
-30458	22	54	53	-29	53.5	2	0.12	0.3	0.1	1.00	0.05	0.25	*	-	-		-	-		2	0*	-30458
-30459	22	55	5	-26	26.1	2	6.50	0.3	0.5	2.10	0.07	0.75	5.52	0.09	0.47		3.42	0.11		4	3	-30459
-30460	22	57	23	-25	25.9	1	4.81	0.3	3.9	2.67	0.06	1.09	4.71	0.04	6.94		2.04	0.07		7	6	-30460
-30461	22	58	35	-29	7.5	2	0.12	0.7	1.6	2.44	0.08	0.44	4.55	0.07	0.06		2.11	0.11		2	2	-30461
-30462	23	0	56	-27	5.5	2	0.25	0.5	0.1	2.42	0.08	0.06	5.04	0.06	5.06		2.62	0.10	I	2	2	-30462
-30463	23	4	10	-30	34.6	2	0.12	0.5	0.5	2.75	0.10	0.81	7.03	0.13	0.12		4.28	0.16		2	2	-30463
-30464	23	4	42	-25	52.0	1	2.00	0.3	0.5	2.71	0.08	1.00	6.09	0.06	1.25		3.38	0.10		4	4	-30464
-30465	23	6	25	-30	24.5	2	0.25	0.3	2.0	0.45	0.05	0.37	4.17	0.10	1.06		3.72	0.11		2	2	-30465
-30466	23	7	3	-28	21.5	2	0.94	0.5	0.4	2.88	0.09	0.47	4.94	0.05	0.09		2.06	0.10		3	3	-30466
-30467	23	14	24	-28	42.8	2	0.19	0.5	0.2	1.86	0.07	0.19	4.58	0.07	0.06		2.72	0.10		3	2	-30467
-30468	23	16	7	-32	48.3	1	4.25	0.3	1.2	1.96	0.05	1.37	3.54	0.05	0.12		1.58	0.07		4.	4	-30468
-30469	23	16	21	-28	39.8	2	0.19	0.3	0.2	2.52	0.08	0.09	5.03	0.05	0.47		2.51	0.09		3	3	-30469
-30470	23	52	5	-31	3.1	2	4.75	0.3	0.2	2.70	0.07	1.25	6.36	0.06	0.25		3.66	0.09		4	4	-30470
-30471	23	54	38	-26	54.4	2	0.37	0.5	0.9	2.82	0.11	0.06	5.11	0.06	4.06		2.29	0.13	I	2	2	-30471
-30472	23	56	49	-29	46.0	2	2.50	0.3	0.5	1.75	0.07	0.25	4.13	0.09	0.19		2.38	0.11		2	2	-30472

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM	VAR	DA S	DD M	NO.
-30451	0 1 0 0 0 2 0 0 0 0	7.72	MB				-33 15930		-2	0.4	-30451
-30452	0 1 0 0 0 1 0 0 0 0	5.86	K3	III	8623	31639	-31 18920		1	-0.5	-30452
-30453	0 1 1 0 0 1 0 0 0 0	6.17	M5	G	8637	31680	-30 19267		-1	-0.3	-30453
-30454	0 1 0 0 0 1 0 0 0 0	8.66	MB				-31 18939		-2	-0.2	-30454
-30455	0 1 1 0 3 1 0 0 0 0										-30455
-30456	0 0 1 0 0 1 0 0 0 0	9.10	MB				-30 19355	V PSA	-2	-0.2	-30456
-30457	0 1 0 0 0 2 0 0 0 0	4.20	G8	G	8720	31974	-33 16303		0	-0.2	-30457
-30458	0 0 1 0 0 1 0 0 0 0	1.16	A3	V	8728	32000	-30 19370		-1	-0.2	-30458
-30459	0 1 1 0 2 0 0 0 0 0										-30459
-30460	0 1 1 0 3 2 0 0 0 0	5.85	K0	G	8743	32049	-25 16220		-1	0.0	-30460
-30461	0 0 1 0 0 1 0 0 0 0	5.72	K2	G	8754	32075	-29 18537		-1	-0.2	-30461
-30462	0 0 1 0 1 0 0 0 0 0	6.91	M0			32124	-27 16160		0	-0.5	-30462
-30463	0 1 0 0 0 1 0 0 0 0										-30463
-30464	0 1 1 0 2 0 0 0 0 0	8.50	M3				-26 16483		-2	0.0	-30464
-30465	0 1 0 0 0 1 0 0 0 0	8.30	MB				-30 19448	Y SCL	2	-0.2	-30465
-30466	0 0 1 0 1 1 0 0 0 0	6.06	K0		8813	32256	-28 18099		0	0.1	-30466
-30467	0 0 1 0 1 1 0 0 0 0	6.74	M0			32411	-29 18644		-4	-0.2	-30467
-30468	0 1 1 0 0 2 0 0 0 0	4.41	G8	III	8863	32450	-33 16476		-1	0.0	-30468
-30469	0 0 1 0 1 1 0 0 0 0	6.75	K5			32460	-29 18654		-2	-0.1	-30469
-30470	0 1 1 0 0 2 0 0 0 0	9.90					-31 19504		0	-0.3	-30470
-30471	0 0 1 0 1 0 0 0 0 0	6.40	K0		9058	33212	-27 16494		4	-0.2	-30471
-30472	0 0 1 0 0 1 0 0 0 0	5.70	K5		9073	33266	-30 19765		-6	-0.2	-30472

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-30006	0.49	0.07	3.56	0.10		9058
-30006	0.46	0.07	4.00	0.11		9381
-30006	0.42	0.08	3.45	0.14		9412
-30006	0.16	0.06	2.90	0.09		9456
-30013	1.45	0.10	6.32	0.13		9058
-30013	1.44	0.09	6.41	0.13		9381
-30013	1.53	0.10	6.62	0.17		9412
-30013	1.84	0.11	6.64	0.13		9456
-30015	0.09	0.09	3.62	0.10		9058
-30015	0.08	0.08	3.76	0.10		9381
-30015	0.08	0.11	3.94	0.11		9381
-30015	-0.06	0.06	3.35	0.11		9456
-30020	2.72	0.16	6.35	0.13		9058
-30020	2.83	0.15	6.43	0.14		9381
-30020	2.61	0.15	6.08	0.11		9382
-30020	2.88	0.16	6.03	0.11		9456
-30022	3.14	0.24	5.89	0.11		9058
-30022	2.92	0.18	6.12	0.11		9381
-30022	2.83	0.16	5.67	0.09		9382
-30022	2.90	0.17	5.70	0.10		9456
-30022	2.74	0.16	5.88	0.10		9484
-30023	0.64	0.33	6.11	0.11		9037
-30023	1.00	0.33	6.15	0.12		9059
-30023	0.88	0.11	6.23	0.13		9076
-30023	1.36	0.09	7.00	0.18		9132
-30023	0.72	0.09	5.84	0.10		9479
-30025	1.75	0.11	5.63	0.11		9076
-30025	1.65	0.09	5.16	0.09		9132
-30025	1.73	0.07	5.52	0.09		9382
-30049	1.75	0.09	6.81	0.17		9058
-30049	1.94	0.09	6.86	0.16		9133
-30049	2.37	0.10	7.12	0.21		9456
-30049	2.12	0.09	7.37	0.21		9771
-30049	2.17	0.33	7.35	0.20		9771
-30051	2.80	0.17	5.57	0.11		9076
-30051	2.44	0.11	5.81	-	Q	9132
-30051	2.58	0.12	6.33	0.13		9484
-30051	2.99	0.15	6.86	0.16		9543
-30056	2.25	0.11	6.02	0.11		9058
-30056	2.01	0.08	5.83	0.10		9133
-30056	2.39	0.10	6.38	0.13		9543
-30056	2.44	0.33	7.03	0.16		9771
-30073	1.57	0.13	5.26	-	Q	8807
-30073	1.49	0.08	5.26	0.09		9059
-30073	1.57	0.33	5.65	0.37		9479
-30073	1.35	0.09	4.90	0.09		9487
-30078	1.01	0.10	5.17	0.11		9076
-30078	0.91	0.06	4.91	0.08		9132
-30078	0.95	0.07	-	-		9132
-30078	0.89	0.07	4.90	-	Q	9543
-30086	2.97	0.17	6.75	0.17		9076
-30086	2.81	0.14	7.22	0.22		9132
-30086	3.14	0.19	7.49	0.26		9543
-30088	2.34	0.16	6.04	0.15		8807
-30088	2.34	0.11	6.16	0.11		9479
-30088	2.07	0.14	5.67	0.10		9487
-30096	2.39	0.16	5.84	0.14		8807
-30096	2.40	0.12	6.31	0.12		9479
-30100	2.01	0.09	5.83	0.10		9133
-30100	1.90	0.09	5.53	0.10		9456
-30100	1.94	0.14	5.56	0.10		9456
-30104	2.92	0.17	5.95	0.11		9076
-30104	2.89	0.15	6.09	-	Q	9132
-30104	2.57	0.14	6.35	0.12		9479
-30104	2.72	0.15	6.38	0.12		9479
-30105	2.12	0.11	5.22	-	Q	9076
-30105	2.24	0.10	5.44	-	Q	9132
-30105	2.61	0.15	5.99	-	Q	9479
-30105	2.44	0.11	5.61	-	Q	9543
-30121	1.67	0.07	5.85	0.10		9133
-30121	2.17	0.12	7.51	0.25		9218
-30121	1.99	0.11	5.73	0.11		9456
-30121	2.02	0.10	6.83	0.16		9543
-30130	2.99	0.24	4.92	0.13		8807
-30130	2.72	0.12	5.23	0.09		9479
-30132	2.18	0.19	6.84	0.21		8807
-30132	2.42	0.10	7.81	-	Q	9479
-30132	2.44	0.16	7.76	0.40		9487
-30141	2.84	0.22	6.78	0.20		8807
-30141	2.95	0.16	7.47	0.24		9479
-30141	2.68	0.17	6.64	0.16		9955
-30143	2.81	0.20	6.07	0.11		9132
-30143	3.35	0.19	6.21	0.11		9479
-30144	2.62	0.13	6.31	0.12		9132
-30144	2.60	0.12	6.65	0.14		9479
-30145	2.64	0.21	5.68	0.13		8807
-30145	2.64	0.14	6.27	0.12		9479
-30145	2.51	0.16	5.75	-	Q	9955
-30156	1.24	0.06	5.54	0.09		9132
-30156	1.43	0.08	5.65	0.09		9218
-30156	1.56	0.07	5.59	0.09		9543
-30158	1.95	0.14	5.19	0.13		8807
-30158	1.94	0.13	5.75	0.10		9479
-30158	1.93	0.11	5.57	0.10		9487
-30158	1.95	0.12	5.55	0.13		9955
-30163	2.92	0.14	6.86	0.16		9133
-30163	2.54	0.14	6.27	0.12		9218
-30163	2.80	0.14	6.38	0.13		9543
-30165	2.34	0.17	7.41	0.29		8807
-30165	3.07	0.37	9.23	0.88		9479
-30165	3.20	0.28	9.09	-	Q	9487
-30165	2.67	0.26	8.70	0.63		9955
-30169	2.90	0.22	6.53	0.16		9147
-30169	2.51	0.15	6.78	0.16		9247
-30169	2.77	0.13	6.23	0.12		9543
-30169	2.47	0.13	7.33	0.28		9617
-30169	2.63	0.13	7.46	0.26		9618
-30174	1.47	0.09	5.62	0.09		9133
-30174	1.77	0.11	5.70	0.09		9218
-30174	1.79	0.08	5.71	0.10		9543
-30180	2.91	0.24	7.74	0.39		9147
-30180	2.88	0.18	7.06	0.18		9218
-30180	2.92	0.15	7.84	0.34		9543
-30200	2.27	0.16	5.74	0.13		8807
-30200	2.46	0.34	6.08	-	Q	9247
-30200	2.82	0.35	6.12	0.11		9618
-30200	2.36	0.12	6.14	0.11		9618
-30200	2.33	0.16	5.70	0.13		9955
-30210	2.36	0.12	7.19	0.22		8918
-30210	1.49	0.10	4.55	0.08		9288
-30210	1.80	0.09	4.66	-	Q	9543
-30217	2.49	0.12	6.47	0.17		8912
-30217	2.96	0.15	9.20	0.86		9288
-30217	2.75	0.12	8.36	0.50		9543

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-30236	2.75	0.48	-	-		8912
-30236	2.42	0.34	7.91	0.40		8922
-30236	1.88	0.11	7.20	0.22		9247
-30236	1.73	0.09	7.05	0.19		9618
-30236	1.86	0.33	7.43	0.25		9618
-30259	2.69	0.15	7.30	0.22		8963
-30259	3.03	0.18	8.71	0.62		9288
-30268	1.09	0.10	5.39	0.11		8918
-30268	1.07	0.08	5.07	0.09		9199
-30268	1.15	0.08	5.76	0.10		9290
-30268	1.31	0.10	5.78	0.10		9290
-30271	-0.10	0.10	3.40	0.11		8918
-30271	-0.46	0.07	3.49	0.09		9288
-30277	2.66	0.16	6.66	-	Q	8918
-30277	2.74	0.15	6.64	0.16		8918
-30277	2.97	0.17	7.18	0.22		9290
-30277	2.82	0.13	7.26	0.22		9702
-30282	0.33	0.11	4.07	0.13		8918
-30282	0.28	0.11	4.09	0.15		8918
-30282	0.19	0.08	3.92	0.11		9290
-30282	0.42	0.08	4.49	0.08		9702
-30285	3.52	0.23	8.46	0.66		8918
-30285	2.50	0.48	-	-		8974
-30285	3.11	0.21	9.07	0.86		9290
-30285	2.76	0.13	7.97	0.38		9702
-30292	0.60	0.07	4.96	0.09		8883
-30292	0.58	0.11	5.02	0.13		8912
-30292	0.93	0.12	5.29	0.17		8963
-30292	0.73	0.07	5.35	0.09		9288
-30292	0.77	0.08	5.07	0.08		9317
-30292	0.76	0.09	5.20	0.09		9618
-30292	0.72	0.08	4.53	0.14		9705
-30300	2.48	0.12	8.15	0.44		9247
-30300	2.40	0.09	8.20	0.40		9317
-30300	2.02	0.09	8.26	0.47		9618
-30300	2.38	0.10	8.20	0.41		9705
-30330	3.08	0.16	8.88	-	Q	8883
-30330	3.07	0.16	8.48	-	Q	8883
-30330	2.83	0.15	9.79	-	Q	8912
-30330	2.92	0.14	9.67	-	Q	8963
-30330	2.90	0.13	10.97	-	Q	9317
-30330	2.47	0.12	7.01	0.18		9618
-30330	3.07	0.17	7.54	0.25		9705

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-30332	3.18	0.17	7.32	-	Q	8883
-30332	2.88	0.15	6.73	0.20		8912
-30332	2.50	0.14	6.03	-	Q	8963
-30332	2.57	0.13	6.86	0.20		8963
-30332	3.04	0.19	7.04	0.19		9288
-30350	2.05	0.08	7.15	-	Q	8883
-30350	1.65	0.11	6.45	-	Q	8912
-30350	1.50	0.26	-	-		8912
-30350	1.63	0.12	6.61	0.19		8963
-30350	1.88	0.31	7.53	0.49		9288
-30350	2.03	0.10	6.30	0.11		9317
-30350	2.30	0.10	7.01	-	Q	9618
-30350	2.17	0.09	7.15	-	Q	9705
-30351	3.24	0.20	4.87	0.20		8883
-30351	2.85	0.15	4.24	0.16		8912
-30351	2.82	0.14	4.01	0.17		8963
-30351	3.07	0.20	4.18	0.12		9288
-30351	2.87	0.15	4.42	0.08		9704
-30358	0.94	0.08	4.83	-	Q	8883
-30358	0.97	0.11	4.94	0.13		8912
-30358	1.01	0.12	4.87	0.17		8963
-30358	0.83	0.07	4.57	0.08		9288
-30358	0.97	0.07	4.77	-	Q	9704
-30361	2.73	0.12	8.96	0.64		8918
-30361	2.95	0.15	7.86	-	Q	8974
-30361	3.84	0.30	7.80	0.33		9288
-30361	3.29	0.27	-	-		9702
-30361	3.24	0.16	10.17	-	Q	9704
-30363	2.20	0.16	7.80	0.37		8922
-30363	2.53	0.11	7.07	0.17		9317
-30363	2.46	0.10	7.58	-	Q	9618
-30363	1.96	0.08	6.87	-	Q	9705
-30365	2.61	0.16	7.19	-	Q	8922
-30365	1.95	0.10	7.49	0.23		9317
-30365	2.42	0.12	7.99	0.38		9618
-30365	2.48	0.12	7.57	0.25		9705
-30398	1.65	0.12	8.92	0.62		8963
-30398	1.08	0.09	8.42	0.50		9288
-30398	2.24	0.11	8.79	0.73		9704
-30403	2.86	0.16	6.61	0.29		8963
-30403	2.90	0.16	8.44	0.52		9288
-30403	2.80	0.44	6.87	-	Q	9704

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-30404	1.26	0.09	7.05	-	Q	8974
-30404	0.92	0.09	7.14	-	Q	9290
-30404	1.51	0.10	7.44	-	Q	9381
-30404	0.95	0.07	6.96	-	Q	9702
-30414	2.97	0.15	5.31	0.09		8974
-30414	2.93	0.15	5.54	0.09		9288
-30432	2.69	0.15	6.36	0.12		8974
-30432	2.71	0.16	-	-		8974
-30432	2.63	0.12	6.06	0.11		9382
-30455	1.33	0.12	5.59	0.13		8973
-30455	1.25	0.08	5.47	0.09		9059
-30455	1.38	0.07	5.98	0.10		9317
-30455	1.44	0.09	5.72	0.09		9345
-30455	1.31	0.07	5.67	0.09		9365
-30455	1.65	0.33	-	-		9386
-30462	2.39	0.14	4.87	0.08		9059
-30462	2.43	0.10	5.15	0.08		9365
-30471	2.81	0.16	4.94	0.09		9059
-30471	2.82	0.14	5.21	0.08		9365

NO.	REMARKS
-30042	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-30105	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-30154	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-30288	DOUBLE STAR (S.A.O. SEARCH)
-30321	SGR A
-30339	MORE THAN ONE STAR, UNRESOLVED

Declination Zone
-25 to -15 degrees

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20001	0	5	55	-17	51.4	2	0.37	0.3	0.1	1.79	0.06	0.06	4.59	0.08	1.31		2.80	0.10		2	2	-20001
-20002	0	6	19	-22	27.2	2	2.19	0.3	2.8	2.41	0.06	3.59	5.26	0.05	0.78		2.85	0.08		5	5	-20002
-20003	0	8	26	-18	50.9	2	2.25	0.3	0.2	1.95	0.06	0.47	5.32	0.07	1.69		3.37	0.09		3	3	-20003
-20004	0	9	28	-24	50.5	1	9.25	0.3	0.7	1.76	0.05	2.00	5.81	0.06	3.62		4.05	0.08		4	4	-20004
-20005	0	9	41	-18	12.2	2	8.25	0.3	0.2	1.71	0.08	0.37	4.07	0.08	1.00		2.36	0.11		4	4	-20005
-20006	0	12	9	-19	12.4	2	4.75	0.3	0.7	0.18	0.06	0.12	2.68	0.05	0.12		2.50	0.08		4	4	-20006
-20007	0	19	12	-20	20.2	1	7.75	0.3	0.2	-0.85	0.04	1.00	*	-	-		-	-		4	0*	-20007
-20008	0	20	27	-16	12.5	2	7.75	0.3	2.5	2.22	0.08	1.25	4.79	0.08	0.28		2.57	0.11		4	3	-20008
-20009	0	23	50	-18	58.3	2	0.75	0.5	0.6	1.74	0.06	0.09	4.56	0.10	0.19		2.82	0.12		3	3	-20009
-20010	0	41	5	-18	15.6	1	0.63	0.3	0.3	-0.20	0.05	4.84	*	-	-		-	-		5	0*	-20010
-20011	0	45	13	-18	20.1	2	1.25	0.3	0.7	2.80	0.09	0.12	4.84	0.05	0.75		2.04	0.10		4	4	-20011
-20012	0	50	14	-24	16.2	2	0.19	0.3	0.7	2.43	0.07	1.12	4.48	0.09	0.09		2.05	0.11		3	3	-20012
-20013	0	56	19	-19	54.3	2	0.12	0.3	0.4	2.62	0.10	0.06	5.51	0.09	0.06		2.89	0.13		2	2	-20013
-20014	1	20	55	-18	11.5	2	3.56	0.7	0.7	2.47	0.09	0.47	5.34	0.08	5.91		2.87	0.12	I	3	3	-20014
-20015	1	31	59	-19	13.6	2	0.19	0.7	0.6	3.13	0.12	5.16	7.16	0.14	10.22		4.03	0.18	K,I	3	3	-20015
-20016	1	33	30	-15	39.4	2	0.37	0.5	1.1	2.61	0.10	1.50	4.61	0.07	0.06		2.00	0.12		2	2	-20016
-20017	1	37	37	-23	10.1	2	0.19	0.8	0.4	2.74	0.10	0.09	5.60	0.06	3.09		2.86	0.12		3	3	-20017
-20018	1	41	40	-16	11.0	2	3.75	0.3	2.3	1.65	0.06	0.56	2.93	0.04	1.50		1.28	0.07		6	6	-20018
-20019	1	48	9	-17	53.5	2	0.19	0.3	1.9	2.52	0.08	5.53	6.31	0.08	24.00		3.79	0.11	K,I	3	3	-20019
-20020	1	49	23	-15	53.9	2	3.00	0.3	0.9	2.21	0.07	2.53	4.80	0.05	4.31		2.59	0.09		3	3	-20020
-20021	1	54	21	-22	46.1	2	1.12	0.3	0.6	1.55	0.05	0.19	3.72	0.07	0.28		2.17	0.09		3	3	-20021
-20022	1	54	51	-17	54.6	2	0.12	1.2	0.5	2.93	0.13	0.06	5.62	0.07	8.44		2.69	0.15	I	2	2	-20022
-20023	1	57	23	-21	4.1	2	0.12	0.3	0.1	1.26	0.06	0.06	3.83	0.10	-		2.57	0.12		2	1	-20023
-20024	1	57	35	-21	19.2	2	11.44	0.3	0.4	0.17	0.05	1.41	2.38	0.05	0.28		2.21	0.07		3	3	-20024
-20025	2	1	28	-17	45.0	2	0.94	0.5	1.5	2.96	0.09	0.28	5.38	0.06	6.19		2.42	0.11	I	3	3	-20025
-20026	2	2	23	-17	31.7	2	0.12	0.3	3.8	2.43	0.08	0.06	5.14	0.07	2.06		2.71	0.11		2	2	-20026
-20027	2	6	25	-18	0.6	2	4.87	0.3	1.5	1.62	0.05	0.28	4.25	0.08	1.50		2.63	0.09		3	3	-20027
-20028	2	9	16	-17	58.0	2	-	0.5	-	2.65	0.14	-	5.02	0.09	-		2.37	0.17		1	1	-20028
-20029	2	9	27	-23	55.0	2	9.25	0.3	5.5	2.10	0.06	1.25	6.11	0.07	1.03		4.01	0.09		4	3	-20029
-20030	2	13	16	-23	35.9	2	1.69	0.5	0.2	2.42	0.07	0.56	5.56	0.06	0.09		3.14	0.09		3	3	-20030
-20031	2	13	39	-20	45.0	2	1.25	0.3	0.4	2.60	0.10	0.06	5.94	0.09	0.25		3.34	0.13		2	2	-20031
-20032	2	16	32	-19	45.9	2	1.00	0.5	0.4	2.97	0.13	0.06	5.50	0.09	0.06		2.53	0.16		2	2	-20032
-20033	2	28	14	-22	45.8	2	2.75	0.3	0.5	2.13	0.06	1.25	4.62	0.04	1.50		2.49	0.07		4	4	-20033
-20034	2	30	18	-16	56.1	2	2.44	0.3	0.4	2.52	0.10	0.94	6.20	0.11	1.06		3.68	0.15		3	2	-20034
-20035	2	36	13	-20	39.5	4	-	1.5	-	2.84	0.15	-	5.48	0.09	-		2.64	0.17		1	1	-20035
-20036	2	39	47	-22	48.8	2	0.19	0.3	0.4	1.84	0.05	1.31	5.26	0.06	0.19		3.42	0.08		3	3	-20036
-20037	2	48	40	-21	13.4	3	-	0.7	-	2.69	0.15	-	4.24	0.12	-		1.55	0.19		1	1	-20037
-20038	2	55	53	-23	48.0	2	0.75	0.5	0.2	2.64	0.08	1.50	4.86	0.06	0.25		2.22	0.10		3	2	-20038
-20039	3	9	3	-23	52.5	2	7.00	0.5	0.7	2.62	0.09	0.37	6.58	0.09	1.87		3.96	0.13		4	3	-20039
-20040	3	16	8	-22	42.0	2	2.25	0.3	2.8	2.63	0.09	1.25	4.43	0.07	3.28		1.80	0.11		4	3	-20040
-20041	3	17	18	-21	56.6	1	1.69	0.3	1.1	-1.25	0.05	0.19	*	-	-		-	-		3	0*	-20041
-20042	3	17	25	-24	18.1	1	5.00	0.3	0.7	1.10	0.04	2.37	3.74	0.06	0.63		2.64	0.07		4	4	-20042
-20043	3	31	55	-16	19.7	1	2.06	0.3	1.5	0.11	0.05	16.78	5.76	0.06	24.00		5.65	0.08	K,I	3	3	-20043
-20044	3	46	24	-21	3.4	2	2.25	0.3	0.2	1.82	0.05	0.37	4.33	0.08	0.19		2.51	0.09		3	3	-20044
-20045	3	51	14	-15	7.4	2	0.75	0.5	0.2	2.84	0.10	1.50	5.51	0.06	13.87		2.67	0.12	I	3	3	-20045
-20046	3	52	43	-15	2.8	2	1.12	0.3	0.2	2.49	0.07	0.56	5.25	0.05	17.53		2.76	0.09	I	3	3	-20046
-20047	3	53	1	-24	10.6	2	2.81	0.3	1.9	2.57	0.09	5.16	6.29	0.06	40.00		3.72	0.11	I	5	5	-20047
-20048	4	1	22	-24	35.5	1	13.00	0.3	2.3	1.66	0.05	1.12	4.73	0.05	2.06		3.07	0.07		4	3	-20048
-20049	4	2	2	-15	51.5	2	0.12	0.3	0.5	-0.63	0.06	0.37	3.95	0.08	6.37		4.58	0.10	I	2	2	-20049
-20050	4	10	40	-23	57.1	2	12.00	0.3	3.8	2.57	0.09	4.37	5.08	0.06	0.09		2.51	0.11		4	3	-20050

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
-20001	0 0 1 0 0 1 0 0 0 0	6.06	M1		18	129	-18	3		-5	0.0	-20001
-20002	0 1 1 0 0 3 0 0 0 0	7.30	M0			141	-22	7		-2	0.2	-20002
-20003	0 0 2 0 0 1 0 0 0 0	7.80	M0				-19	7		1	0.2	-20003
-20004	0 1 1 0 0 2 0 0 0 0											-20004
-20005	0 0 3 0 0 1 0 0 0 0	5.28	K5	III	37	214	-18	14		3	0.7	-20005
-20006	0 0 2 0 0 2 0 0 0 0	4.42	M1	G	48	272	-19	21		3	0.2	-20006
-20007	0 0 2 0 0 2 0 0 0 0	5.20	M5	II	85	437	-20	50	T CET	-3	-0.1	-20007
-20008	0 0 1 0 0 3 0 0 0 0	6.64	M0			459	-15	58		-6	0.7	-20008
-20009	0 0 2 0 0 1 0 0 0 0	6.51	M0			520	-19	58		0	0.0	-20009
-20010	0 0 3 0 0 2 0 0 0 0	2.04	K1	III	188	865	-18	115		0	0.0	-20010
-20011	0 0 2 0 0 2 0 0 0 0	5.88	K3	G	218	950	-18	127		-1	0.0	-20011
-20012	0 0 1 0 0 2 0 0 0 0	5.59	K2	G	247	1051	-24	376		1	0.4	-20012
-20013	0 0 1 0 0 1 0 0 0 0	7.26	M0			1176	-20	174		3	-0.1	-20013
-20014	0 0 1 0 0 2 0 0 0 0	7.16	M0			1682	-18	222		0	0.2	-20014
-20015	0 0 1 0 0 2 0 0 0 0											-20015
-20016	0 0 1 0 0 1 0 0 0 0	5.48	K2	III	459	1941	-16	270		-3	-0.1	-20016
-20017	0 0 1 0 0 2 0 0 0 0	7.00	M1				-23	620		4	-0.2	-20017
-20018	0 0 2 0 0 4 0 0 0 0	3.50	G8	V	509	2123	-16	295		-5	1.0	-20018
-20019	0 0 1 0 0 2 0 0 0 0											-20019
-20020	0 0 1 0 0 2 0 0 0 0	6.59	M0			2257	-16	322		2	-0.2	-20020
-20021	0 0 1 0 0 2 0 0 0 0	5.18	K4	G	565	2343	-23	721		1	0.1	-20021
-20022	0 0 1 0 0 1 0 0 0 0	7.60	K5				-18	336		-2	0.6	-20022
-20023	0 0 1 0 0 1 0 0 0 0	5.41	M1	G	583	2411	-21	356		-2	-0.1	-20023
-20024	0 0 1 0 0 2 0 0 0 0	3.99	M1	III	585	2419	-21	358		-4	-0.1	-20024
-20025	0 0 1 0 0 2 0 0 0 0	7.30	K5			2496	-18	356		-3	0.2	-20025
-20026	0 0 1 0 0 1 0 0 0 0	6.80	M0				-17	384		-1	-0.2	-20026
-20027	0 0 1 0 0 2 0 0 0 0	6.26	M1		625	2569	-18	374		1	0.3	-20027
-20028	0 0 0 0 0 1 0 0 0 0	6.73	K5			2627	-18	381		4	0.6	-20028
-20029	0 0 1 0 0 3 0 0 0 0											-20029
-20030	0 0 1 0 0 2 0 0 0 0	7.90	M0			2720	-23	845		-3	0.2	-20030
-20031	0 0 1 0 0 1 0 0 0 0								RY CET	-2	0.0	-20031
-20032	0 0 1 0 0 1 0 0 0 0	7.20	K5				-20	437		-2	0.0	-20032
-20033	0 0 1 0 0 3 0 0 0 0	6.10	M1	G	735	3015	-23	947		-3	0.2	-20033
-20034	0 0 2 0 0 1 0 0 0 0											-20034
-20035	0 0 0 0 0 1 0 0 0 0	7.08	K0			3172	-21	469		-3	0.8	-20035
-20036	0 0 1 0 0 2 0 0 0 0	8.00	M5				-23	1029		4	0.4	-20036
-20037	0 0 0 0 0 1 0 0 0 0	4.76	K0	III	850	3429	-21	509		-7	-0.8	-20037
-20038	0 0 1 0 0 2 0 0 0 0	5.84	K2	G	889	3574	-24	1343		0	0.4	-20038
-20039	0 0 1 0 0 3 0 0 0 0								TW ERI	-3	0.5	-20039
-20040	0 0 1 0 0 2 1 0 0 0	4.87	G6	G	994	3955	-23	44		-2	-0.4	-20040
-20041	0 0 1 0 0 1 1 0 0 0	3.67	M3	G	1003	3979	-22	584		0	-0.3	-20041
-20042	0 0 1 0 0 3 0 0 0 0	5.60	M2	G	1004	3983	-24	1578		0	0.1	-20042
-20043	0 0 1 0 0 1 1 0 0 0								RT ERI	1	0.1	-20043
-20044	0 0 1 0 0 1 1 0 0 0	5.80	K5	G	1187	4593	-21	703		0	-0.1	-20044
-20045	1 0 1 0 0 0 1 0 0 0	7.20	K2			4692	-15	683		2	-0.3	-20045
-20046	1 0 1 0 0 0 1 0 0 0	7.40	M0			4725	-15	687	RU ERI	2	0.3	-20046
-20047	0 0 2 0 0 3 0 0 0 0	7.40	M4E			4733	-24	1960	T ERI	-5	0.1	-20047
-20048	0 0 1 0 0 3 0 0 0 0	7.70	M3			4885	-24	2062		0	0.3	-20048
-20049	0 0 1 0 0 0 1 0 0 0	8.00	M6				-16	771	V ERI	0	0.2	-20049
-20050	0 0 1 0 0 3 0 0 0 0	6.73	K2			5082	-24	2153		-2	-0.2	-20050

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20051	4	11	45	-16	6.0	2	0.25	0.8	0.4	2.77	0.11	0.06	5.49	0.07	3.44		2.72	0.13	I	2	2	-20051
-20052	4	15	42	-18	37.4	2	2.37	0.3	0.5	1.43	0.06	8.87	5.60	0.09	8.94		4.17	0.11	K,I	2	2	-20052
-20053	4	16	4	-20	49.5	2	0.12	0.3	0.1	0.71	0.07	0.19	3.61	0.09	0.06		2.90	0.11		2	2	-20053
-20054	4	17	47	-18	51.9	2	0.50	0.3	8.0	2.80	0.11	3.44	7.20	0.17	0.06		4.40	0.20	K	2	2	-20054
-20055	4	18	29	-16	56.6	2	5.50	0.5	0.1	2.00	0.07	0.06	4.78	0.06	0.12		2.78	0.09		2	2	-20055
-20056	4	19	52	-22	48.0	1	0.75	0.3	0.5	2.34	0.06	1.25	6.19	0.06	6.50		3.85	0.08	I	4	4	-20056
-20057	4	21	1	-25	0.0	2	0.12	0.5	0.5	2.28	0.09	0.63	4.50	0.06	0.19		2.22	0.11		2	2	-20057
-20058	4	29	50	-20	48.8	2	6.25	0.5	0.1	2.71	0.09	0.06	5.19	0.08	0.50		2.48	0.12		2	2	-20058
-20059	4	38	12	-19	45.9	1	4.69	0.3	1.5	-0.35	0.05	0.28	*	-	-		-	-		3	0*	-20059
-20060	4	39	25	-24	4.1	2	3.19	0.5	0.7	2.56	0.10	0.09	5.42	0.06	2.53		2.86	0.12		3	3	-20060
-20061	4	42	57	-21	22.5	2	0.12	0.8	0.7	2.39	0.09	0.12	4.54	0.07	0.06		2.15	0.11		2	2	-20061
-20062	4	43	4	-23	57.0	2	1.12	0.8	1.3	2.91	0.13	15.56	6.94	0.12	16.22		4.03	0.18	K,I	3	3	-20062
-20063	4	47	59	-16	18.2	2	1.12	0.5	0.9	2.78	0.09	0.19	4.45	0.05	0.09		1.67	0.10		3	3	-20063
-20064	4	56	7	-16	47.4	2	0.12	0.7	0.6	2.99	0.11	1.00	6.18	-	-	Q	3.19	-		2	2	-20064
-20065	5	0	41	-22	51.8	2	1.69	0.3	0.4	2.89	0.11	0.09	4.90	0.05	2.25		2.01	0.12		3	3	-20065
-20066	5	2	43	-21	58.4	1	2.50	0.3	0.5	0.33	0.05	4.12	5.32	0.05	32.00		4.99	0.07	I	4	4	-20066
-20067	5	3	22	-22	26.1	1	4.37	0.2	0.3	-0.18	0.05	1.09	*	-	-		-	-		5	0*	-20067
-20068	5	15	46	-18	39.3	2	-	0.5	-	2.95	0.16	-	5.92	0.11	-		2.97	0.19		1	1	-20068
-20069	5	17	42	-17	55.4	2	0.37	0.3	0.2	1.65	0.07	0.50	5.79	0.07	0.06		4.14	0.10		2	2	-20069
-20070R	5	19	46	-24	48.8	2	1.31	0.5	2.3	2.97	0.13	0.19	4.63	0.05	1.50		1.66	0.14		3	3	-20070
-20071	5	26	10	-20	47.5	2	3.75	0.3	0.1	0.96	0.06	0.06	*	-	-		-	-		2	0*	-20071
-20072	5	30	29	-16	21.0	2	3.00	0.7	0.7	2.92	0.09	1.50	5.37	0.05	1.03		2.45	0.10		4	3	-20072
-20073	5	30	31	-17	51.0	2	0.63	0.5	0.1	1.87	0.07	0.19	2.35	0.06	1.31		0.48	0.09		2	2	-20073
-20074	5	32	0	-18	49.9	3	-	0.5	-	2.69	0.12	-	5.28	0.09	-		2.59	0.15		1	1	-20074
-20075	5	38	59	-16	53.9	2	0.25	0.5	0.1	2.87	0.12	0.94	5.98	0.08	4.81		3.11	0.14	I	2	2	-20075
-20076	5	39	23	-20	48.0	2	0.12	0.5	0.2	1.92	0.07	0.25	6.09	0.08	0.12		4.17	0.11		2	2	-20076
-20077	5	40	31	-23	43.1	2	0.19	0.3	0.7	1.77	0.06	5.34	6.86	0.10	24.00		5.09	0.12	K,I	3	3	-20077
-20078R	5	42	22	-22	27.7	1	11.25	0.3	0.7	2.18	0.06	0.12	3.14	-	-	Q	0.96	-		4	4	-20078
-20079	5	44	11	-23	39.5	1	1.50	0.3	0.6	0.58	0.05	0.09	3.73	0.06	1.22		3.15	0.08		3	3	-20079
-20080	5	45	4	-21	33.3	2	0.19	0.3	0.6	2.46	0.07	0.09	5.44	0.06	1.78		2.98	0.09		3	3	-20080
-20081	5	49	11	-20	53.3	2	0.87	0.3	0.4	1.37	0.08	0.06	2.92	0.07	0.06		1.55	0.11		2	2	-20081
-20082	5	51	25	-23	7.6	2	0.94	1.2	0.2	2.99	0.15	0.37	6.41	0.08	3.47		3.42	0.17		3	3	-20082
-20083	5	59	41	-21	6.3	2	1.62	0.7	0.1	2.90	0.12	0.06	6.47	0.10	0.06		3.57	0.16		2	2	-20083
-20084	6	2	45	-16	28.9	2	0.37	0.3	2.3	1.67	0.05	0.56	4.26	0.07	0.19		2.59	0.09		3	3	-20084
-20085	6	3	42	-24	11.0	1	8.25	0.3	1.5	-0.52	0.06	3.00	2.92	0.06	3.12		3.44	0.08		6	4	-20085
-20086	6	4	52	-21	48.5	1	5.62	0.3	1.6	0.50	0.04	0.31	3.40	0.05	1.09		2.90	0.06		5	5	-20086
-20087	6	5	32	-19	9.4	2	0.75	0.3	0.6	1.05	0.06	0.09	3.54	0.06	0.37		2.49	0.08		3	3	-20087
-20088	6	12	11	-19	30.2	2	7.12	0.3	2.6	2.84	0.08	0.75	5.60	0.06	1.50		2.76	0.10		3	3	-20088
-20089	6	12	58	-20	15.6	2	0.25	0.3	4.4	2.79	0.11	0.06	4.88	0.07	0.06		2.09	0.13		2	2	-20089
-20090	6	15	31	-16	47.9	2	5.25	0.3	1.5	2.20	0.07	0.28	4.16	0.10	0.06		1.96	0.12		3	2	-20090
-20091	6	17	35	-22	4.9	2	1.50	0.3	4.7	2.85	0.09	1.31	5.13	0.05	0.09		2.28	0.10		3	3	-20091
-20092	6	20	34	-17	56.0	2	2.75	0.5	1.2	2.65	0.10	0.75	2.34	0.06	0.69		-0.31	0.12		2	2	-20092
-20093	6	21	28	-15	2.8	2	0.19	0.7	0.4	2.86	0.09	0.56	5.11	0.05	2.81		2.25	0.10		3	3	-20093
-20094	6	22	57	-23	26.7	1	15.00	0.3	1.0	2.33	0.07	1.12	6.50	0.07	7.50		4.17	0.10	I	4	4	-20094
-20095	6	28	1	-19	10.6	2	1.12	0.3	0.2	2.15	0.07	1.59	4.72	0.05	1.03		2.57	0.09		3	3	-20095
-20096	6	34	30	-19	12.7	1	1.50	0.3	2.0	1.72	0.05	0.63	3.14	0.05	0.50		1.42	0.07		4	4	-20096
-20097	6	34	50	-22	13.2	1	4.69	0.2	1.2	1.66	0.04	2.03	4.84	0.04	5.47		3.18	0.06		5	5	-20097
-20098	6	35	40	-18	11.4	2	4.87	0.3	0.4	1.89	0.08	0.69	3.53	0.08	0.06		1.64	0.11		2	2	-20098
-20099	6	36	19	-19	50.4	2	7.31	0.3	0.9	2.70	0.08	0.19	6.70	0.10	0.56		4.00	0.13		3	3	-20099
-20100	6	36	47	-18	8.1	2	3.62	0.7	0.6	2.70	0.13	0.12	5.37	0.08	0.31		2.67	0.15		2	2	-20100

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
-20051	0 0 1 0 0 0 1 0 0 0	7.60	M1				-16	814		-2	1.1	-20051
-20052	0 0 1 0 0 1 0 0 0 0								RS ERI	-1	0.4	-20052
-20053	0 0 1 0 0 0 1 0 0 0	6.36	M4		1345	5202	-21	831		-2	0.7	-20053
-20054	0 0 1 0 0 1 0 0 0 0								AV ERI	1	-0.8	-20054
-20055	0 0 1 0 0 1 0 0 0 0	7.32	M0			5269	-17	856		3	0.3	-20055
-20056	0 0 1 0 0 3 0 0 0 0											-20056
-20057	0 0 1 0 0 1 0 0 0 0	5.82	K5		1384	5324	-25	1862		0	0.4	-20057
-20058	0 0 1 0 0 0 1 0 0 0	7.04	K5			5538	-21	904		0	-0.5	-20058
-20059	0 0 1 0 0 0 2 0 0 0	4.30	M4	G	1496	5695	-19	988		-3	0.1	-20059
-20060	1 0 1 0 0 1 0 0 0 0	7.90	M2				-24	2510		0	0.2	-20060
-20061	0 0 1 0 0 0 1 0 0 0	5.70	K2	G	1521	5794	-21	966		1	-0.1	-20061
-20062	1 0 1 0 0 1 0 0 0 0	9.10	K2				-24	2554		-3	-1.6	-20062
-20063	0 0 1 0 0 1 1 0 0 0	5.16	K0	III	1549	5894	-16	964		2	-0.1	-20063
-20064	0 0 1 0 0 1 0 0 0 0	9.20					-15	1007		0	-0.6	-20064
-20065	1 0 1 0 0 1 0 0 0 0	5.74	K1	G	1634	6172	-22	1960		3	0.2	-20065
-20066	1 0 1 0 0 0 2 0 0 0	7.50	M7E			6218	-22	995	T LEP	0	-0.1	-20066
-20067	1 0 1 0 0 1 2 0 0 0	3.18	K5	III	1654	6231	-22	1000		1	0.1	-20067
-20068	0 0 0 0 0 1 0 0 0 0	8.20	M0				-18	1048		-3	0.6	-20068
-20069	0 0 1 0 0 1 0 0 0 0											-20069
-20070R	1 0 1 0 0 1 0 0 0 0	5.45	G7	II	1771	6596	-24	3023		2	0.5	-20070
-20071	0 0 0 0 0 0 2 0 0 0	2.84	G5	III	1829	6762	-20	1096		4	0.4	-20071
-20072	0 0 2 0 0 1 1 0 0 0	6.83	K2			6873	-16	1168		1	0.3	-20072
-20073	0 0 1 0 0 1 0 0 0 0	2.59	F0	II	1865	6875	-17	1166		0	0.4	-20073
-20074	0 0 0 0 0 1 0 0 0 0	7.16	K5			6908	-18	1127		-5	0.8	-20074
-20075	0 0 1 0 0 1 0 0 0 0	8.80	M2				-16	1203		1	0.1	-20075
-20076	1 0 0 0 0 0 1 0 0 0											-20076
-20077	1 0 1 0 0 1 0 0 0 0								RT LEP	3	-0.1	-20077
-20078R	1 0 1 0 0 1 1 0 0 0	3.60	F6	V	1983	7197	-22	1211		-2	0.1	-20078
-20079	1 0 1 0 0 1 0 0 0 0	7.03	M3			7231	-23	3073		1	0.3	-20079
-20080	1 0 1 0 0 0 1 0 0 0	8.50	M2				-21	1262		-2	0.4	-20080
-20081	1 0 0 0 0 0 1 0 0 0	3.77	G8	III	2035	7362	-20	1211		0	-0.3	-20081
-20082	1 0 1 0 0 1 0 0 0 0	9.00	M3				-23	3208		2	0.5	-20082
-20083	1 0 0 0 0 0 1 0 0 0											-20083
-20084	0 0 1 0 0 1 1 0 0 0	4.92	A2		2148	7711	-16	1349		0	0.0	-20084
-20085	2 0 2 0 0 2 0 0 0 0	6.00	M6		2156	7737	-24	3679	S LEP	0	0.4	-20085
-20086	2 0 1 0 0 0 2 0 0 0	6.12	M4		2166	7779	-21	1353		1	-0.2	-20086
-20087	1 0 0 0 0 1 1 0 0 0	5.31	M2	G	2168	7794	-19	1361		1	0.1	-20087
-20088	1 0 0 0 0 1 1 0 0 0	8.00	M1				-19	1391		1	0.3	-20088
-20089	1 0 0 0 0 0 1 0 0 0	5.74	K0		2242	7997	-20	1336		-2	-0.3	-20089
-20090	0 0 1 1 0 1 0 0 0 0	5.13	K3	III	2260	8080	-16	1426		2	-0.1	-20090
-20091	1 0 1 0 0 0 1 0 0 0	6.53	K2			8141	-22	1379		3	0.0	-20091
-20092	0 0 0 1 0 1 0 0 0 0	1.98	B1	II	2294	8223	-17	1467		3	-0.2	-20092
-20093	1 0 1 0 0 0 1 0 0 0	6.40	K2		2303	8257	-14	1428		-3	-0.1	-20093
-20094	1 0 2 0 0 1 0 0 0 0											-20094
-20095	1 0 0 0 0 1 1 0 0 0	6.71	M0			8443	-19	1464		-1	0.1	-20095
-20096	1 0 0 0 0 2 1 0 0 0	3.95	K1	IV	2429	8624	-19	1502		0	0.0	-20096
-20097	1 0 1 0 0 1 2 0 0 0	8.10	M3				-22	3275		1	0.1	-20097
-20098	1 0 0 0 0 1 0 0 0 0	4.43	K1	II	2443	8660	-18	1492		-2	0.2	-20098
-20099	1 0 0 0 0 0 2 0 0 0											-20099
-20100	1 0 0 0 0 1 0 0 0 0	7.38	K5			8691	-18	1498		-5	0.3	-20100

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20101	6 39 8	-22 14.0	1	5.94	0.3	1.6	2.54	0.06	21.56	6.59	0.06	9.22		4.05	0.08	K,I	5	5	-20101
-20102	6 40 19	-18 57.6	2	3.00	0.3	0.1	2.07	0.08	0.75	6.08	0.09	0.94		4.01	0.12		2	2	-20102
-20103	6 40 53	-20 6.6	2	7.00	0.3	0.1	1.92	0.08	0.06	5.13	0.07	0.75		3.21	0.11		2	2	-20103
-20104R	6 42 8	-22 25.1	1	7.87	0.3	4.5	2.69	0.07	1.12	5.34	-	-	Q	2.65	-		6	6	-20104
-20105	6 42 57	-16 38.9	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	-20105
-20106	6 43 56	-21 50.1	2	2.00	0.3	0.5	2.69	0.08	1.12	6.19	0.06	3.50		3.50	0.10		4	4	-20106
-20107	6 45 10	-20 16.2	2	3.37	0.3	0.2	1.23	0.06	0.28	4.70	0.06	0.19		3.47	0.08		3	3	-20107
-20108	6 46 44	-20 22.0	2	2.62	0.5	0.7	2.13	0.08	0.19	5.37	0.06	3.94		3.24	0.10		3	3	-20108
-20109	6 48 7	-17 1.5	2	0.12	0.3	0.1	2.45	0.11	1.50	4.64	-	-	Q	2.19	-		2	2	-20109
-20110	6 49 37	-18 58.4	2	3.37	0.5	0.5	2.51	0.09	1.62	7.18	0.16	12.69		4.67	0.18	I	2	2	-20110
-20111	6 51 5	-21 54.4	1	8.75	0.3	3.1	2.99	0.08	1.72	7.31	0.10	2.66		4.32	0.13		5	5	-20111
-20112	6 52 4	-24 7.3	2	0.75	0.3	0.7	0.47	0.07	1.25	2.49	0.05	3.50		2.02	0.09		4	4	-20112
-20113	6 53 27	-16 48.1	2	0.25	0.3	0.1	1.62	0.06	0.44	6.05	0.08	0.37		4.43	0.10		2	2	-20113
-20114	6 54 41	-23 53.8	2	1.50	0.3	0.7	0.80	0.05	0.94	4.62	0.05	7.69		3.82	0.07	I	3	3	-20114
-20115	6 59 33	-23 25.1	2	0.19	0.5	1.3	2.81	0.11	0.37	5.22	0.07	1.31		2.41	0.13		3	2	-20115
-20116	7 0 15	-15 34.4	2	0.12	0.5	4.5	2.83	0.11	0.06	6.95	0.12	2.19		4.12	0.16		2	2	-20116
-20117	7 1 56	-16 31.5	2	0.56	0.5	0.2	2.93	0.10	0.66	7.76	0.18	4.59		4.83	0.21		3	3	-20117
-20118	7 2 44	-20 45.3	2	2.06	0.3	0.2	2.67	0.08	1.03	5.31	0.06	4.31		2.64	0.10		3	3	-20118
-20119	7 4 15	-24 32.4	1	1.31	0.3	0.7	1.67	0.06	0.09	5.27	0.06	7.03		3.60	0.08	I	3	3	-20119
-20120	7 4 17	-23 0.7	2	0.56	0.3	0.4	1.68	0.05	0.66	4.93	0.05	4.41		3.25	0.07		3	3	-20120
-20121	7 6 16	-17 29.1	2	2.75	0.7	0.2	2.67	0.10	0.12	6.02	0.08	1.12		3.35	0.13		2	2	-20121
-20122	7 8 1	-16 11.1	2	1.12	0.3	0.6	1.89	0.06	1.59	7.42	0.15	5.44		5.53	0.16	I	3	2	-20122
-20123	7 11 15	-22 35.1	2	2.50	0.5	0.7	2.58	0.10	1.50	4.84	0.06	0.94		2.26	0.12		4	3	-20123
-20124	7 12 55	-22 41.0	2	0.75	0.5	0.2	2.48	0.09	1.31	5.31	0.06	0.37		2.83	0.11		3	3	-20124
-20125	7 14 29	-23 13.6	1	4.25	0.3	0.5	0.86	0.04	0.63	3.15	0.06	0.56		2.29	0.07		4	3	-20125
-20126	7 14 40	-19 17.2	2	1.25	0.3	3.0	2.77	0.07	1.25	6.32	0.06	3.12		3.55	0.09		4	4	-20126
-20127	7 16 11	-17 10.2	2	1.37	0.5	0.1	2.75	0.12	0.06	6.64	0.12	0.06		3.89	0.17		2	2	-20127
-20128	7 19 34	-24 7.8	2	3.00	0.3	1.5	2.06	0.08	4.50	4.81	0.05	3.12		2.75	0.09		4	4	-20128
-20129	7 20 11	-20 24.6	1	0.19	0.3	0.4	1.03	0.05	0.84	4.18	0.07	1.69		3.15	0.09		3	3	-20129
-20130	7 23 34	-20 53.3	2	0.12	0.3	7.3	2.73	0.11	0.63	5.65	0.08	0.06		2.92	0.14		2	2	-20130
-20131	7 27 1	-19 21.4	2	3.44	0.3	4.7	2.70	0.07	7.03	8.78	0.45	0.09		6.08	0.46		5	3	-20131
-20132	7 27 22	-17 28.6	2	1.25	0.3	0.4	1.89	0.06	0.19	4.99	-	-	Q	3.10	-		2	2	-20132
-20133	7 30 26	-20 32.8	2	6.94	0.3	0.6	1.77	0.07	24.00	7.48	0.26	-		5.71	0.27	K	3	1	-20133
-20134	7 33 0	-23 52.4	2	0.19	0.5	1.1	2.19	0.08	24.00	7.40	0.18	16.00		5.21	0.20	K,I	3	2	-20134
-20135	7 33 47	-19 46.1	2	0.19	0.3	3.0	2.60	0.08	1.31	7.34	0.12	2.34		4.74	0.14		3	3	-20135
-20136	7 36 7	-15 56.0	2	4.12	0.5	0.9	2.66	0.08	0.37	6.44	0.08	4.69		3.78	0.11	I	3	3	-20136
-20137	7 37 10	-16 43.8	2	0.37	0.8	0.4	2.92	0.11	1.12	5.21	0.07	0.06		2.29	0.13		2	2	-20137
-20138	7 37 27	-15 43.4	2	0.75	0.5	0.4	2.94	0.09	0.37	5.75	0.07	1.62		2.81	0.11		3	2	-20138
-20139	7 38 8	-15 8.7	1	7.81	0.3	5.0	1.49	0.06	2.97	3.79	0.06	1.37		2.30	0.08		5	4	-20139
-20140	7 38 46	-23 58.3	2	2.06	0.3	1.3	2.73	0.10	0.09	5.71	0.06	0.56		2.98	0.12		3	3	-20140
-20141	7 39 14	-22 13.2	1	0.50	0.3	2.5	1.72	0.05	1.62	4.37	0.06	0.75		2.65	0.08		4	4	-20141
-20142	7 44 17	-21 25.4	2	0.56	0.3	0.7	2.21	0.06	0.19	5.19	0.05	0.75		2.98	0.08		3	3	-20142
-20143	7 45 2	-19 16.7	2	2.50	0.3	0.2	2.27	0.07	1.12	5.88	0.05	5.37		3.61	0.09		4	4	-20143
-20144R	7 45 28	-15 52.6	2	1.50	0.3	0.1	1.81	0.06	2.06	4.34	-	-	Q	2.53	-		2	2	-20144
-20145	7 47 8	-24 43.9	1	0.56	0.3	2.1	0.95	0.06	0.94	2.52	-	-	Q	1.57	-		3	3	-20145
-20146	7 47 13	-22 26.0	2	0.75	0.5	0.4	2.91	0.10	0.19	5.83	0.06	2.25		2.92	0.12		3	3	-20146
-20147	7 47 25	-17 6.1	2	0.37	0.3	0.1	2.36	0.09	2.25	4.22	0.10	0.44		1.86	0.13		2	2	-20147
-20148	7 51 55	-18 11.9	2	2.00	0.7	0.6	2.58	0.11	0.06	5.14	0.08	0.06		2.56	0.14		2	2	-20148
-20149	7 54 36	-20 17.6	2	5.62	0.5	0.7	2.95	0.09	1.59	6.73	0.08	1.97		3.78	0.12		3	3	-20149
-20150	7 54 45	-22 44.9	2	3.19	0.5	1.3	2.59	0.08	1.22	3.74	0.07	0.47		1.15	0.11		3	3	-20150

NO.	OBSERVATIONAL RECORD • 65 • 66 • 67 •	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
-20101	1 0 1 0 0 1 2 0 0 0											-20101
-20102	1 0 0 0 0 1 0 0 0 0											-20102
-20103	1 0 0 0 0 0 1 0 0 0	8.40	M1				-20	1508		0	-0.4	-20103
-20104R	1 0 2 0 0 1 2 0 0 0	8.30	M0				-22	3429		-1	-0.3	-20104
-20105	0 0 0 1 0 1 1 0 0 0	-1.45	A1	V	2491	8833	-16	1591		0	-0.1	-20105
-20106	1 0 1 0 0 0 2 0 0 0											-20106
-20107	2 0 0 0 0 0 1 0 0 0	8.80	K0				-20	1579		-3	-1.5	-20107
-20108	2 0 0 0 0 0 1 0 0 0	8.80	M4				-20	1589		2	0.1	-20108
-20109	0 0 0 1 0 1 0 0 0 0	5.78	K0		2535	8951	-16	1624		-2	0.0	-20109
-20110	1 0 0 0 0 1 0 0 0 0											-20110
-20111	1 0 2 0 0 0 2 0 0 0											-20111
-20112	1 0 2 0 0 1 0 0 0 0	3.78	K3	II	2580	9059	-24	4567		0	0.0	-20112
-20113	0 0 0 1 0 1 0 0 0 0											-20113
-20114	1 0 1 0 0 1 0 0 0 0								X CMA	0	0.1	-20114
-20115	1 0 1 0 0 1 0 0 0 0	7.70	K5				-23	4763		-1	0.6	-20115
-20116	0 0 0 1 0 0 1 0 0 0											-20116
-20117	0 0 0 1 0 1 1 0 0 0											-20117
-20118	1 0 0 0 0 0 2 0 0 0	7.10	K2				-20	1706		0	0.0	-20118
-20119	1 0 1 0 0 1 0 0 0 0											-20119
-20120	1 0 1 0 0 1 0 0 0 0	8.40	M3				-22	4015		-2	0.0	-20120
-20121	0 0 0 1 0 1 0 0 0 0	8.40	K5				-17	1792		3	-0.6	-20121
-20122	0 0 0 1 0 1 1 0 0 0								SX CMA	9	-1.5	-20122
-20123	1 0 1 0 0 1 1 0 0 0	6.19	K2		2730	9574	-22	1756		-2	0.1	-20123
-20124	1 0 1 0 0 1 0 0 0 0	8.10	M2				-22	4234		-2	0.3	-20124
-20125	1 0 1 0 0 2 0 0 0 0	4.86	M0	G	2764	9675	-23	5189		-1	-0.1	-20125
-20126	1 0 0 0 0 1 2 0 0 0											-20126
-20127	0 0 0 1 0 1 0 0 0 0											-20127
-20128	2 0 1 0 0 1 0 0 0 0	7.70	M2				-24	5258		-2	0.4	-20128
-20129	1 0 0 0 0 0 2 0 0 0	7.30	M2				-20	1889		-2	0.0	-20129
-20130	1 0 0 0 0 0 1 0 0 0											-20130
-20131	1 0 0 0 0 1 3 0 0 0											-20131
-20132	0 0 0 1 0 1 0 0 0 0	8.20	M2				-17	1998		0	-0.5	-20132
-20133	2 0 0 0 0 0 1 0 0 0								Z PUP	-2	0.3	-20133
-20134	1 0 0 1 0 1 0 0 0 0								DU PUP	2	0.1	-20134
-20135	1 0 0 0 0 0 2 0 0 0											-20135
-20136	0 0 0 2 0 0 1 0 0 0								GG PUP	4	0.4	-20136
-20137	0 0 0 1 0 1 0 0 0 0	6.52	K2			10295	-16	2069		0	0.1	-20137
-20138	0 0 0 2 0 0 1 0 0 0	7.80	K5				-15	1966		0	-0.7	-20138
-20139	1 0 1 1 0 0 2 0 0 0	5.15	K3	II	2959	10328	-14	2082		1	0.0	-20139
-20140	1 0 0 1 0 1 0 0 0 0	8.80	M				-23	5931		1	0.4	-20140
-20141	1 0 1 0 0 1 1 0 0 0	6.43	M1		2976	10352	-21	2077		-1	-0.1	-20141
-20142	1 0 1 0 0 0 1 0 0 0	8.20	M1				-21	2115		0	0.0	-20142
-20143	1 0 0 0 0 0 3 0 0 0											-20143
-20144R	0 0 0 1 0 0 1 0 0 0	6.77	M2	II	3027	10514	-15	2052		-1	0.8	-20144
-20145	1 0 0 0 0 2 0 0 0 0	3.34	G3	II	3045	10562	-24	6030		-3	0.1	-20145
-20146	1 0 0 0 0 1 1 0 0 0	8.40	M0				-22	5196		-1	0.3	-20146
-20147	0 0 0 1 0 1 0 0 0 0	5.54	K3	III	3044	10569	-16	2146		-2	-0.1	-20147
-20148	1 0 0 0 0 0 1 0 0 0	7.12	K5			10690	-17	2219		2	0.1	-20148
-20149	1 0 0 0 0 0 2 0 0 0											-20149
-20150	1 0 0 1 0 1 0 0 0 0	4.20	F8	II	3102	10756	-22	2087		2	-0.1	-20150

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20151	7	55	22	-15	4.1	3	-	0.5	-	2.62	0.12	-	6.70	0.12	-		4.08	0.17		1	1	-20151
-20152	7	55	42	-20	17.4	2	5.25	0.3	0.2	2.07	0.06	1.41	5.31	0.05	3.66		3.24	0.08		3	3	-20152
-20153	7	56	58	-23	10.7	2	1.31	0.5	1.1	2.70	0.09	0.56	4.32	0.06	0.56		1.62	0.11		3	3	-20153
-20154	8	2	15	-17	31.2	2	10.50	0.5	0.2	2.80	0.11	0.56	5.26	0.07	0.50		2.46	0.13		3	2	-20154
-20155	8	3	8	-16	58.5	2	6.00	0.5	2.3	2.56	0.08	0.66	6.22	-	-	Q	3.66	-		3	3	-20155
-20156	8	5	20	-22	46.0	2	3.75	0.3	0.7	1.96	0.06	0.94	5.85	0.06	1.41		3.89	0.08		3	3	-20156
-20157	8	5	28	-24	9.9	2	1.87	0.5	0.4	1.91	0.09	0.25	2.64	0.08	0.06		0.73	0.12		2	2	-20157
-20158	8	5	30	-20	32.3	2	0.75	0.5	0.1	1.98	0.08	0.12	5.65	0.08	2.25		3.67	0.11		2	2	-20158
-20159	8	8	25	-15	10.6	2	0.12	0.7	0.2	2.66	0.10	1.12	7.28	0.16	-		4.62	0.19		2	1	-20159
-20160	8	10	59	-15	37.9	2	0.63	0.5	1.7	2.71	0.09	0.50	4.36	0.10	1.19		1.65	0.13		2	2	-20160
-20161	8	12	50	-21	47.4	2	3.37	0.3	0.9	2.62	0.08	1.87	6.60	0.13	-		3.98	0.15		3	1	-20161
-20162	8	15	58	-23	4.4	2	3.75	0.5	0.5	2.42	0.08	0.12	5.53	0.06	1.37		3.11	0.10		4	4	-20162
-20163	8	17	16	-19	55.5	2	0.75	0.5	0.9	2.23	0.07	0.06	6.15	-	-	Q	3.92	-		2	2	-20163
-20164	8	17	53	-23	17.9	2	3.75	0.5	0.4	2.98	0.11	0.37	5.50	0.06	1.22		2.52	0.13		3	3	-20164
-20165	8	20	25	-15	45.4	2	0.12	0.7	0.1	2.71	0.09	0.63	6.95	0.11	0.69		4.24	0.14		2	2	-20165
-20166	8	22	52	-23	53.1	2	3.19	0.3	0.4	1.80	0.07	0.09	3.97	0.09	0.09		2.17	0.11		3	3	-20166
-20167	8	27	56	-20	44.1	2	0.25	0.5	1.4	2.95	0.11	0.63	5.90	0.08	1.12		2.95	0.14		2	2	-20167
-20168	8	28	46	-15	49.3	2	1.37	0.7	0.1	2.87	0.10	1.06	6.12	0.09	1.25		3.25	0.13		2	2	-20168
-20169	8	30	52	-17	48.3	2	0.50	0.5	0.5	2.44	0.10	0.06	6.65	0.12	0.06		4.21	0.16		2	2	-20169
-20170	8	31	30	-18	36.8	2	2.37	0.8	0.1	2.89	0.14	1.25	6.40	0.10	0.81		3.51	0.17		2	2	-20170
-20171	8	34	36	-17	47.3	2	1.50	0.3	0.1	1.65	0.06	0.44	5.33	0.09	10.25		3.68	0.11	I	2	2	-20171
-20172	8	36	24	-19	33.8	2	0.87	0.3	0.2	2.05	0.08	1.87	4.80	0.09	0.06		2.75	0.12		2	2	-20172
-20173	8	37	37	-17	7.4	2	1.12	0.3	0.1	-0.57	0.05	0.12	2.80	0.08	0.31		3.37	0.09		2	2	-20173
-20174	8	39	25	-15	45.8	2	1.31	0.5	0.6	2.53	0.08	1.69	4.24	0.08	2.91		1.71	0.11		3	3	-20174
-20175R	8	52	59	-18	3.3	3	0.50	0.8	0.1	2.38	0.13	0.06	4.46	-	-	Q	2.08	-		2	2	-20175
-20176	8	53	25	-19	1.7	2	2.81	0.3	0.2	1.34	0.06	0.28	5.67	0.07	2.06		4.33	0.09		3	2	-20176
-20177	8	53	26	-24	5.9	2	0.12	0.5	0.1	1.96	0.11	0.06	6.23	0.10	0.63		4.27	0.15		2	2	-20177
-20178	8	54	14	-16	31.0	2	0.19	0.3	0.6	2.33	0.08	0.47	4.75	0.05	1.41		2.42	0.09		3	3	-20178
-20179	8	56	16	-24	19.2	2	4.50	0.5	3.4	2.77	0.17	0.94	5.78	0.13	-		3.01	0.21		3	1	-20179
-20180	8	56	35	-15	47.6	2	0.50	0.5	0.1	2.96	0.12	0.06	5.36	0.07	2.12		2.40	0.14		2	2	-20180
-20181	8	56	48	-23	5.0	2	1.00	0.5	0.1	1.73	0.07	0.12	5.85	0.10	-		4.12	0.12		2	1	-20181
-20182	9	7	1	-24	38.4	2	2.50	0.3	3.8	2.17	0.10	0.56	5.29	0.08	0.31		3.12	0.13		2	2	-20182
-20183	9	8	4	-19	42.1	2	0.87	0.3	0.1	2.41	0.08	2.37	6.09	0.14	-		3.68	0.16		2	1	-20183
-20184	9	11	18	-23	10.7	2	0.75	0.3	1.9	2.45	0.08	1.50	6.93	0.12	0.09		4.48	0.14		3	3	-20184
-20185	9	13	30	-15	29.1	2	1.25	0.3	0.7	2.07	0.06	1.12	6.92	0.11	3.62		4.85	0.13	I	2	2	-20185
-20186	9	17	10	-15	37.6	2	0.75	0.5	0.1	2.85	0.10	0.31	4.99	0.06	1.12		2.14	0.12		2	2	-20186
-20187	9	20	55	-20	49.5	2	1.37	0.5	0.1	1.74	0.07	0.44	4.73	0.09	0.75		2.99	0.11		2	2	-20187
-20188	9	23	34	-23	48.0	2	0.19	0.5	0.4	2.74	0.11	23.91	7.93	0.45	-		5.19	0.46	K	3	1	-20188
-20189	9	23	38	-23	33.8	2	0.12	0.3	0.7	2.08	0.08	0.12	5.83	0.07	1.06		3.75	0.11		2	2	-20189
-20190	9	25	2	-22	7.6	1	1.75	0.3	0.2	2.19	0.07	0.75	3.94	0.06	1.37		1.75	0.09		4	4	-20190
-20191	9	26	53	-20	31.9	2	12.00	0.3	0.6	1.98	0.07	2.44	4.42	0.09	0.09		2.44	0.11		3	3	-20191
-20192	9	27	31	-23	7.5	2	0.12	0.5	0.2	2.53	0.10	0.31	4.98	0.06	0.06		2.45	0.12		2	2	-20192
-20193	9	30	55	-20	53.3	2	4.75	0.5	0.1	2.73	0.09	0.19	4.47	0.10	0.50		1.74	0.13		2	2	-20193
-20194	9	35	50	-16	29.5	2	1.12	0.3	0.2	1.93	0.06	0.28	5.40	0.05	0.47		3.47	0.08		3	3	-20194
-20195	9	37	56	-16	7.5	2	1.69	0.3	0.2	2.92	0.10	0.56	6.09	0.07	1.22		3.17	0.12		3	3	-20195
-20196	9	42	44	-23	46.9	2	0.19	0.5	0.4	2.86	0.12	4.50	6.52	0.11	3.75		3.66	0.16		3	3	-20196
-20197	9	42	56	-21	48.1	2	0.12	0.3	0.7	1.46	0.06	1.69	7.63	0.18	1.81		6.17	0.19		2	2	-20197
-20198	9	43	19	-23	39.5	2	3.56	0.5	0.6	2.50	0.09	2.44	6.59	0.12	1.06		4.09	0.15		3	2	-20198
-20199	9	48	46	-22	47.3	2	7.31	0.3	0.7	0.54	0.05	1.41	4.22	0.07	0.28		3.68	0.09		3	3	-20199
-20200	9	51	3	-17	41.4	2	2.37	0.7	0.1	2.57	0.09	1.06	5.39	0.07	0.06		2.82	0.11		2	2	-20200

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
-20151	0 0 0 0 0 0 1 0 0 0											-20151
-20152	1 0 0 0 0 0 2 0 0 0	7.80	M1				-20	2302		0	0.2	-20152
-20153	1 0 0 1 0 1 0 0 0 0	5.10	K2	C	3123	10805	-22	2104		0	-0.3	-20153
-20154	0 0 0 2 0 0 1 0 0 0	6.60	K5			10958	-17	2311		-2	0.1	-20154
-20155	0 0 0 1 0 1 1 0 0 0											-20155
-20156	1 0 0 1 0 1 0 0 0 0	8.50	N3				-22	5693	RU PUP	0	0.0	-20156
-20157	1 0 0 0 0 1 0 0 0 0	2.82	F6	II	3185	11034	-23	6828	RHO PUP	3	-0.3	-20157
-20158	1 0 0 0 0 0 1 0 0 0	8.60	M2				-20	2396	BG PUP	-1	0.0	-20158
-20159	0 0 0 1 0 0 1 0 0 0								DP PUP	1	0.4	-20159
-20160	0 0 0 1 0 0 1 0 0 0	4.99	G5	II	3229	11184	-15	2324		-3	0.3	-20160
-20161	1 0 0 1 0 0 1 0 0 0											-20161
-20162	1 0 0 1 0 2 0 0 0 0	7.90	M2				-22	5962		-2	0.1	-20162
-20163	1 0 0 0 0 0 1 0 0 0											-20163
-20164	1 0 0 1 0 1 0 0 0 0	6.50	K5				-23	7143		-2	0.3	-20164
-20165	0 0 0 1 0 0 1 0 0 0								AC PUP	-2	0.0	-20165
-20166	1 0 0 1 0 1 0 0 0 0	5.46	K5	III	3315	11491	-23	7277		-2	-0.2	-20166
-20167	1 0 0 0 0 0 1 0 0 0	7.70	M0				-20	2562		-2	-0.3	-20167
-20168	0 0 0 1 0 0 1 0 0 0	8.40	M2				-15	2475		-1	0.9	-20168
-20169	0 0 0 1 0 0 1 0 0 0								SZ PYX	1	0.7	-20169
-20170	1 0 0 0 0 0 1 0 0 0											-20170
-20171	0 0 0 1 0 0 1 0 0 0						.		W PYX	-2	1.1	-20171
-20172	1 0 0 0 0 0 1 0 0 0	6.33	K5		3425	11865	-19	2489		-2	-0.1	-20172
-20173	0 0 0 1 0 0 1 0 0 0	7.04	M3			11906	-16	2541	AK HYA	0	0.0	-20173
-20174	0 0 0 2 0 0 1 0 0 0	4.87	K1	III	3441	11959	-15	2554		1	0.0	-20174
-20175R	1 0 0 0 0 0 1 0 0 0	5.75	K0		3554	12331	-17	2691		4	-0.3	-20175
-20176	1 0 0 0 0 0 2 0 0 0											-20176
-20177	1 0 0 0 0 1 0 0 0 0											-20177
-20178	0 0 0 1 0 0 2 0 0 0	5.96	K0		3564	12365	-16	2639		-2	0.0	-20178
-20179	1 0 0 0 0 2 0 0 0 0	9.00	M4				-24	7596		-2	-0.8	-20179
-20180	0 0 0 1 0 0 1 0 0 0	6.92	K2			12418	-15	2658		0	-0.2	-20180
-20181	0 0 0 1 0 1 0 0 0 0											-20181
-20182	1 0 0 0 0 1 0 0 0 0	7.90	M3				-24	7771		3	0.0	-20182
-20183	1 0 0 0 0 0 1 0 0 0	8.70	G0				-19	2640	TU PYX	5	0.4	-20183
-20184	0 0 0 1 0 2 0 0 0 0											-20184
-20185	0 0 0 1 0 0 1 0 0 0											-20185
-20186	0 0 0 1 0 0 1 0 0 0	5.77	K4	G	3704	12862	-15	2763		-2	-0.3	-20186
-20187	1 0 0 0 0 0 1 0 0 0	7.13	M0			12950	-20	2886		-2	-0.1	-20187
-20188	0 0 0 1 0 1 0 0 0 1											-20188
-20189	0 0 0 1 0 1 0 0 0 0	9.30	M4				-23	8363	AR HYA	0	-1.0	-20189
-20190	0 0 0 1 0 2 1 0 0 0	4.70	K3	G	3749	13043	-21	2802		0	-0.2	-20190
-20191	2 0 0 0 0 0 1 0 0 0	5.96	M1	G	3763	13088	-20	2915		-2	-0.1	-20191
-20192	0 0 0 1 0 1 0 0 0 0	6.23	K0		3767	13106	-22	2623		-3	0.0	-20192
-20193	1 0 0 0 0 0 1 0 0 0	5.01	K0	IV	3808	13191	-20	2936		1	0.4	-20193
-20194	0 0 0 1 0 0 2 0 0 0	8.80	M1				-16	2845		0	-0.1	-20194
-20195	0 0 0 1 0 0 2 0 0 0	8.70	M2				-15	2867		0	-0.3	-20195
-20196	0 0 0 1 0 1 0 0 0 1								RR HYA	1	0.4	-20196
-20197	0 0 0 1 0 0 1 0 0 0											-20197
-20198	0 0 0 1 0 1 0 0 0 1								AZ HYA	0	0.5	-20198
-20199	0 0 0 2 0 1 0 0 0 0	6.50	N P			13560	-22	2739	Y HYA	1	-0.3	-20199
-20200	0 0 0 1 0 0 1 0 0 0	7.60	M1				-17	2994		1	0.0	-20200

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20201	9	52	31	-18	46.5	2	2.00	0.3	0.1	1.10	0.06	0.69	3.41	0.08	0.06		2.31	0.10		2	2	-20201
-20202	9	53	13	-17	14.5	2	1.87	0.3	1.5	2.02	0.07	0.47	4.76	0.06	0.06		2.74	0.09		3	2	-20202
-20203	9	53	39	-19	43.1	2	3.37	0.3	1.3	2.58	0.07	0.19	6.04	0.06	3.09		3.46	0.09		3	3	-20203
-20204	10	4	44	-16	54.0	2	3.75	0.3	0.1	2.18	0.07	0.50	4.36	0.08	0.75		2.18	0.11		2	2	-20204
-20205	10	5	11	-22	15.0	2	3.00	0.3	0.7	1.34	0.05	0.47	4.44	0.07	1.22		3.10	0.09		3	3	-20205
-20206	10	8	56	-18	42.6	2	3.00	0.5	0.1	2.13	0.08	0.25	4.81	0.07	0.06		2.68	0.11		2	2	-20206
-20207	10	11	49	-23	33.9	2	2.25	0.5	0.4	2.01	0.07	0.09	4.61	0.05	0.66		2.60	0.09		3	3	-20207
-20208	10	17	28	-22	42.5	2	0.12	0.7	0.7	2.83	0.13	0.06	5.64	0.10	-		2.81	0.16		2	1	-20208
-20209	10	23	13	-16	29.2	2	0.19	0.7	0.7	2.98	0.17	0.66	6.18	0.10	-		3.20	0.20		3	1	-20209
-20210	10	23	46	-16	35.0	2	2.00	0.3	0.1	0.40	0.06	0.63	2.45	0.06	0.06		2.05	0.08		2	2	-20210
-20211	10	25	32	-21	28.5	2	3.56	0.5	0.2	2.63	0.07	0.37	5.65	0.10	-		3.02	0.12		3	1	-20211
-20212	10	25	37	-21	8.9	2	0.63	0.5	0.6	1.79	0.06	0.69	5.79	-	-	Q	4.00	-		2	2	-20212
-20213	10	31	37	-23	29.0	2	1.50	0.3	0.7	1.29	0.06	0.75	3.75	0.07	3.66		2.46	0.09		4	3	-20213
-20214	10	33	52	-16	5.0	2	1.12	0.3	0.2	1.89	0.06	1.31	4.43	0.06	0.56		2.54	0.08		3	3	-20214
-20215	10	34	45	-23	37.8	2	2.06	0.5	0.4	2.97	0.12	1.22	6.22	0.08	0.09		3.25	0.14		3	3	-20215
-20216	10	36	10	-16	37.3	2	1.25	0.5	0.7	2.66	0.11	0.06	4.24	0.10	0.44		1.58	0.15		2	2	-20216
-20217	10	47	11	-15	55.9	2	1.69	0.3	0.2	0.27	0.05	0.66	*	-	-		-	-		3	0*	-20217
-20218	10	49	12	-20	59.3	2	1.31	0.3	0.7	-0.40	0.07	9.75	4.22	0.09	6.75		4.62	0.11	K,I	3	2	-20218
-20219	10	49	34	-24	6.1	2	0.37	0.7	0.6	2.70	0.13	0.37	5.73	0.10	0.63		3.03	0.16		3	2	-20219
-20220	10	57	0	-16	5.1	2	0.75	0.3	1.3	1.71	0.06	0.56	4.25	0.07	1.41		2.54	0.09		3	3	-20220
-20221	10	57	22	-18	1.9	2	3.19	0.7	0.2	1.78	0.10	0.19	3.29	0.06	2.62		1.51	0.12		3	3	-20221
-20222	10	58	9	-18	3.6	2	6.56	0.3	1.5	-1.23	0.07	0.09	3.58	0.08	0.19		4.81	0.11		3	3	-20222
-20223	11	10	35	-16	58.4	2	0.37	0.7	0.2	2.82	0.13	0.06	6.06	0.09	0.75		3.24	0.16		2	2	-20223
-20224	11	10	54	-21	45.9	2	0.25	0.7	0.7	2.98	0.11	1.12	6.04	0.07	2.00		3.06	0.13		2	2	-20224
-20225	11	15	18	-21	52.6	2	0.94	0.3	3.8	0.57	0.05	0.09	4.08	0.08	2.87		3.51	0.09	I	3	2	-20225
-20226	11	19	25	-24	43.8	2	4.12	0.3	0.2	1.79	0.07	0.09	5.76	-	-	Q	3.97	-		3	3	-20226
-20227	11	21	23	-19	38.0	2	2.50	0.3	1.5	1.22	0.06	0.94	4.96	0.07	0.06		3.74	0.09		2	2	-20227
-20228	11	26	21	-16	19.4	2	0.37	0.5	0.6	2.74	0.10	0.37	5.49	0.06	0.94		2.75	0.12		3	3	-20228
-20229	11	27	27	-17	30.1	2	1.12	0.3	0.7	2.78	0.08	0.28	5.60	0.10	0.06		2.82	0.13		3	2	-20229
-20230	11	37	20	-16	20.5	1	1.75	0.3	0.7	1.28	0.04	1.12	4.09	0.06	2.62		2.81	0.07		4	4	-20230
-20231	11	42	10	-18	4.5	2	3.75	0.5	2.0	2.54	0.10	1.12	4.13	0.08	0.66		1.59	0.13		4	3	-20231
-20232	11	43	38	-24	35.6	1	1.12	0.3	1.3	1.97	0.07	1.22	5.11	0.07	1.22		3.14	0.10		3	3	-20232
-20233	12	7	34	-22	20.7	1	8.44	0.2	1.9	0.18	0.04	4.22	*	-	-		-	-		5	0*	-20233
-20234	12	8	2	-24	49.4	2	1.31	0.5	0.2	2.75	0.09	0.09	6.10	0.08	1.50		3.35	0.12		3	3	-20234
-20235	12	13	14	-17	16.0	2	2.81	0.3	0.6	2.78	0.08	0.09	2.90	0.05	0.75		0.12	0.09		3	3	-20235
-20236	12	15	50	-20	31.9	2	1.62	0.7	0.1	2.94	0.13	0.06	5.88	0.08	0.06		2.94	0.15		2	2	-20236
-20237R	12	17	8	-18	56.9	1	1.00	0.3	12.0	1.50	0.06	12.62	5.11	-	-	Q	3.61	-	K	4	2	-20237
-20238R	12	27	13	-16	14.1	2	1.25	0.7	2.5	2.92	0.09	1.00	3.20	-	-	Q	0.28	-		4	4	-20238
-20239	12	27	42	-23	25.0	2	2.62	0.3	2.1	1.47	0.05	0.09	4.05	0.09	0.19		2.58	0.10		3	2	-20239
-20240	12	31	44	-23	7.1	2	2.06	0.3	1.1	0.67	0.05	0.28	*	-	-		-	-		3	0*	-20240
-20241	12	32	19	-20	33.9	2	1.62	0.5	0.4	1.79	0.07	0.19	5.57	0.08	0.06		3.78	0.11		2	2	-20241
-20242	12	34	29	-17	15.4	2	0.12	0.5	0.4	2.31	0.07	16.00	7.79	0.29	-		5.48	0.30	K	2	1	-20242
-20243	12	34	59	-16	59.8	2	3.25	0.5	0.2	2.30	0.07	0.06	6.08	0.07	2.69		3.78	0.10		2	2	-20243
-20244	12	40	33	-24	43.0	1	2.00	0.3	1.5	1.69	0.05	2.62	4.59	0.05	0.12		2.90	0.07		4	4	-20244
-20245	12	46	3	-19	14.5	2	1.75	0.5	3.0	2.50	0.07	2.12	6.39	0.09	1.03		3.89	0.11		4	3	-20245
-20246	12	51	56	-19	50.3	2	1.62	0.5	0.1	2.80	0.10	0.06	5.37	0.07	0.06		2.57	0.12		2	2	-20246
-20247	13	6	23	-22	50.8	2	0.56	0.3	0.6	2.55	0.08	0.47	4.32	0.08	0.09		1.77	0.11		3	3	-20247
-20248	13	13	17	-19	40.5	2	0.94	0.3	1.9	2.97	0.09	2.81	4.59	0.07	0.75		1.62	0.11		3	3	-20248
-20249	13	16	13	-22	54.3	1	4.00	0.3	1.2	0.96	0.04	0.87	2.29	0.08	0.06		1.33	0.09		4	2*	-20249
-20250	13	18	20	-24	12.1	1	3.25	0.3	3.3	2.48	0.07	2.37	5.28	0.06	0.87		2.80	0.09		4	4	-20250

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-20201	1 0 0 0 0 0 1 0 0 0	4.94	M1	III	3923	13644	-18 2810		0	-0.2	-20201
-20202	0 0 0 1 0 0 2 0 0 0	7.80	M2				-16 2921		0	-0.6	-20202
-20203	1 0 0 0 0 0 2 0 0 0	8.20	M1				-19 2870		0	-0.2	-20203
-20204	0 0 0 1 0 0 1 0 0 0	5.59	K5	G	3977	13902	-16 2974		-2	-0.2	-20204
-20205	0 0 0 1 0 1 1 0 0 0	7.32	M0			13910	-21 2987		0	-0.3	-20205
-20206	1 0 0 0 0 0 1 0 0 0	7.00	M0			13998	-18 2861		0	-0.1	-20206
-20207	0 0 0 1 0 1 0 0 0 1	6.66	M0			14060	-23 9119		0	0.1	-20207
-20208	0 0 0 1 0 1 0 0 0 0	7.50	M2				-22 8102		1	0.7	-20208
-20209	0 0 0 1 0 0 2 0 0 0	9.00	M3				-16 3050		2	0.6	-20209
-20210	0 0 0 1 0 0 1 0 0 0	3.82	K4	III	4094	14326	-16 3052		6	-0.2	-20210
-20211	0 0 0 1 0 0 2 0 0 0	9.10	G0			14375	-20 3181		1	0.2	-20211
-20212	0 0 0 1 0 0 1 0 0 0										-20212
-20213	0 0 0 2 0 1 0 0 0 1	5.07	K4	III	4145	14524	-22 2946		-1	0.2	-20213
-20214	0 0 0 1 0 0 2 0 0 0	6.00	M1	G	4156	14578	-15 3087		2	0.1	-20214
-20215	0 0 0 1 0 1 0 0 0 1	8.00	M3				-23 9421		0	0.2	-20215
-20216	0 0 0 1 0 0 1 0 0 0	4.90	K0	III	4171	14631	-16 3100		1	-0.3	-20216
-20217	0 0 0 1 0 0 2 0 0 0	3.12	K3	III	4232	14898	-15 3138		1	0.0	-20217
-20218	1 0 0 1 0 0 1 0 0 0	6.00	N			14929	-20 3283	V HYA	0	-0.2	-20218
-20219	1 0 0 0 0 1 0 0 0 1	8.20	M3				-23 9578		-2	0.2	-20219
-20220	0 0 0 1 0 0 2 0 0 0	5.89	M2	G	4284	15101	-15 3174		-3	0.0	-20220
-20221	1 0 0 1 0 0 1 0 0 0	4.08	K0	III	4287	15106	-17 3273		1	0.1	-20221
-20222	1 0 0 1 0 0 1 0 0 0	9.80	M2			15129	-17 3281	R CRT	3	-0.3	-20222
-20223	0 0 0 1 0 0 1 0 0 0	8.30	K2				-16 3206		-2	0.5	-20223
-20224	0 0 0 1 0 0 1 0 0 0	8.00	M1				-21 3264		1	0.0	-20224
-20225	0 0 0 1 0 1 1 0 0 0	7.20	M3				-21 3280		-1	-0.3	-20225
-20226	1 0 0 0 0 1 0 0 0 1	9.40	M6				-24 9703		2	-0.5	-20226
-20227	1 0 0 0 0 0 1 0 0 0	8.60	M4				-19 3254	T CRT	0	0.0	-20227
-20228	0 0 0 1 0 0 2 0 0 0	8.10	M1				-15 3275		0	-0.2	-20228
-20229	0 1 0 1 0 0 1 0 0 0	8.20	M0				-16 3262		0	-0.5	-20229
-20230	0 1 0 1 0 0 2 0 0 0	6.48	M2	G	4491	16008	-15 3323		1	0.1	-20230
-20231	1 1 0 1 0 0 0 1 0 0	4.74	G8	III	4514	16112	-17 3460		-4	-0.1	-20231
-20232	1 0 0 0 0 0 0 1 0 1	7.70	M3				-24 9940		0	0.1	-20232
-20233	0 0 0 1 0 1 2 1 0 0	3.00	K3	III	4630	16618	-21 3487		0	-0.2	-20233
-20234	1 0 0 0 0 0 0 1 0 1	9.00	M3				-24 10191		-1	0.0	-20234
-20235	0 2 0 0 0 0 0 1 0 0	2.60	B8	III	4662	16740	-16 3424		0	-0.1	-20235
-20236	1 0 0 0 0 0 1 0 0 0	7.80	M0				-20 3619		-2	0.0	-20236
-20237R	1 0 0 0 0 0 1 2 0 0	5.90	M6E			16806	-18 3368	R CRV	0	-1.6	-20237
-20238R	0 1 0 1 1 0 0 1 0 0	2.95	B9	V	4757	17029	-15 3482		-4	0.1	-20238
-20239	0 0 0 1 0 0 0 1 0 1	5.63	M0	G	4759	17039	-22 3383		1	0.2	-20239
-20240	0 0 0 2 0 0 0 1 0 0	2.66	G5	III	4786	17133	-22 3401		-2	0.1	-20240
-20241	1 0 0 0 0 0 1 0 0 0	9.10	M2				-20 3674	RU CRV	-1	-0.2	-20241
-20242	0 1 0 0 0 0 0 1 0 0							T CRV	0	-0.3	-20242
-20243	0 1 0 0 0 0 0 1 0 0	9.20	F5				-16 3503	S CRV	0	-0.3	-20243
-20244	1 0 0 0 1 0 0 1 0 1	6.94	M0			17299	-24 10500		-1	0.0	-20244
-20245	1 0 0 0 1 0 1 1 0 0							X CRV	-3	-0.2	-20245
-20246	1 0 0 0 0 0 1 0 0 0	6.94	K2			17519	-19 3597		4	-0.6	-20246
-20247	0 0 0 1 1 0 0 1 0 0	5.11	K1	G	4958	17813	-22 3515		1	0.3	-20247
-20248	1 0 0 0 1 0 1 0 0 0	5.21	K1	IV	5001	17951	-19 3653		1	0.2	-20248
-20249	0 1 0 1 1 0 0 1 0 0	3.02	G8	III	5020	18012	-22 3554		0	0.2	-20249
-20250	1 0 0 0 1 0 0 1 0 1	7.12	K2			18055	-23 11025		-1	0.4	-20250

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20251	13 20 29	-18 4.8	2	0.25	0.5	3.0	2.05	0.08	1.75	6.09	0.07	2.34		4.04	0.11		4	3	-20251
-20252	13 20 36	-24 23.4	1	5.25	0.3	1.5	1.45	0.05	2.12	4.75	-	-	Q	3.30	-		4	4	-20252
-20253	13 24 43	-15 42.5	2	0.12	0.5	0.4	2.41	0.08	0.12	4.03	0.11	0.06		1.62	0.14		2	2	-20253
-20254	13 26 58	-23 1.4	0	-	0.0	-	*	-	-	2.32	-	-	Q	-	-		0*	1*	-20254
-20255	13 30 8	-15 5.3	2	0.37	0.7	1.1	2.67	0.15	0.06	4.65	0.08	-		1.98	0.17		2	1	-20255
-20256	13 32 41	-22 21.7	1	5.00	0.3	1.6	2.68	0.07	0.47	5.48	0.04	2.03		2.80	0.08		5	5	-20256
-20257	13 39 40	-19 8.5	1	1.25	0.3	3.1	2.76	0.07	3.12	6.15	0.05	8.75		3.39	0.09	I	5	5	-20257
-20258	13 44 40	-17 36.9	1	3.94	0.3	4.1	1.02	0.04	0.94	3.61	0.06	0.09		2.59	0.07		3	3	-20258
-20259	13 45 0	-20 53.6	2	1.69	0.5	0.6	2.52	0.09	1.03	7.23	0.15	0.06		4.71	0.17		3	2	-20259
-20260	13 45 13	-18 19.6	2	0.75	0.5	2.0	2.61	0.09	2.37	5.53	0.06	1.41		2.92	0.11		4	3	-20260
-20261	13 47 8	-17 53.1	2	1.12	0.3	0.9	2.58	0.08	2.81	4.25	0.07	0.19		1.67	0.11		3	3	-20261
-20262	13 54 40	-22 46.3	2	2.19	0.5	1.2	2.86	0.08	2.34	5.16	0.05	1.50		2.30	0.09		5	4	-20262
-20263	14 5 23	-17 35.4	2	4.50	0.5	1.0	2.75	0.08	2.50	6.96	0.08	0.87		4.21	0.11		4	4	-20263
-20264	14 6 13	-19 0.4	2	5.25	0.5	0.7	2.28	0.07	0.87	5.17	0.05	3.75		2.89	0.09		4	4	-20264
-20265	14 8 4	-16 4.0	1	3.50	0.3	1.7	0.55	0.05	0.50	3.14	0.05	0.12		2.59	0.07		4	4	-20265
-20266	14 14 15	-16 12.7	1	5.94	0.2	1.9	0.65	0.04	1.87	4.79	0.05	6.09		4.14	0.06		5	5	-20266
-20267	14 27 32	-21 16.7	2	0.56	0.5	0.4	2.89	0.11	0.75	6.11	0.07	0.66		3.22	0.13		3	3	-20267
-20268	14 44 23	-21 7.0	1	7.50	0.2	1.9	2.25	0.06	1.69	4.63	0.05	0.09		2.38	0.08		6	3	-20268
-20269	14 45 31	-21 12.5	2	1.87	0.5	0.7	2.83	0.11	1.12	6.89	0.10	0.09		4.06	0.15		3	3	-20269
-20270	14 46 29	-24 2.3	2	1.87	0.7	0.6	2.60	0.09	0.47	4.72	0.06	2.19		2.12	0.11		5	5	-20270
-20271R	14 48 7	-15 50.1	2	0.12	0.3	2.3	2.41	0.09	0.19	2.79	-	-	Q	0.38	-		2	2	-20271
-20272	14 48 15	-24 41.5	2	5.44	0.3	0.4	2.22	0.06	0.19	6.03	0.08	5.91		3.81	0.10	I	3	3	-20272
-20273	14 51 28	-24 26.5	2	1.69	0.3	2.3	2.23	0.06	0.09	4.32	0.09	0.09		2.09	0.11		3	3	-20273
-20274	14 52 29	-21 47.8	2	4.12	0.8	0.2	2.95	0.13	12.37	7.23	0.13	24.00		4.28	0.18	K,I	3	3	-20274
-20275R	14 54 32	-21 12.1	2	5.25	0.5	0.7	2.75	0.10	0.37	4.59	-	-	Q	1.84	-		3	3	-20275
-20276	14 55 44	-19 31.2	2	1.69	0.5	0.2	2.90	0.12	0.37	5.90	0.07	0.09		3.00	0.14		3	3	-20276
-20277	14 57 37	-22 39.0	2	2.50	0.3	0.7	2.80	0.07	0.50	5.78	0.06	0.09		2.98	0.09		4	3	-20277
-20278	14 58 41	-18 36.5	2	3.50	0.5	0.5	2.77	0.08	1.25	5.80	0.06	1.75		3.03	0.10		4	4	-20278
-20279	15 3 51	-16 3.6	2	0.25	0.3	0.2	1.46	0.04	0.63	3.80	0.06	0.25		2.34	0.07		4	4	-20279
-20280	15 5 59	-22 52.1	2	3.00	0.3	2.3	3.00	0.10	0.19	5.88	-	-	Q	2.88	-		3	3	-20280
-20281	15 7 1	-23 47.6	2	9.00	1.0	0.2	2.78	0.09	0.47	5.23	0.06	2.91		2.45	0.11		3	3	-20281
-20282	15 9 22	-18 56.1	2	0.75	0.5	8.2	2.81	0.08	0.56	5.24	0.06	1.78		2.43	0.10		3	3	-20282
-20283	15 13 27	-22 13.1	1	3.75	0.3	1.6	2.44	0.06	0.78	4.52	0.04	0.31		2.08	0.07		5	5	-20283
-20284	15 19 11	-23 52.6	2	5.44	0.3	0.4	2.34	0.07	0.66	6.42	0.10	0.06		4.08	0.12		3	2	-20284
-20285	15 19 29	-18 29.7	2	1.69	0.3	0.2	2.34	0.07	3.37	6.75	0.09	1.69		4.41	0.11		3	3	-20285
-20286	15 21 26	-22 44.1	1	6.75	0.3	0.7	-0.28	0.04	8.00	4.92	0.16	10.62		5.20	0.16	K,I	4	2	-20286
-20287	15 25 27	-16 32.5	2	3.75	0.3	0.2	2.01	0.05	0.50	4.28	0.07	0.12		2.27	0.09		4	4	-20287
-20288	15 29 19	-23 42.8	1	8.44	0.3	0.6	0.37	0.04	0.47	3.74	0.06	0.09		3.37	0.07		3	3	-20288
-20289	15 30 26	-15 9.5	2	0.12	0.5	0.1	2.64	0.11	0.25	6.65	-	-	Q	4.01	-		2	2	-20289
-20290	15 34 50	-16 9.1	1	9.06	0.3	1.2	2.66	0.07	1.09	6.92	0.08	7.50		4.26	0.11		5	5	-20290
-20291	15 37 19	-23 39.4	1	2.06	0.3	1.1	2.00	0.06	1.78	3.98	0.07	0.19		1.98	0.09		3	3	-20291
-20292	15 39 5	-19 31.5	2	3.50	0.3	1.5	0.81	0.05	0.50	3.22	0.06	0.87		2.41	0.08		4	4	-20292
-20293	15 40 47	-21 40.5	2	1.62	0.5	1.4	2.00	0.07	0.63	7.00	0.13	0.25		5.00	0.15		2	2	-20293
-20294	15 44 55	-19 33.0	2	0.75	0.5	0.6	2.54	0.09	0.28	5.98	0.07	1.69		3.44	0.11		3	3	-20294
-20295	15 45 58	-20 17.6	2	0.12	0.3	0.1	1.68	0.07	0.12	4.98	0.07	0.06		3.30	0.10		2	2	-20295
-20296	15 50 59	-16 34.8	2	5.06	0.3	3.9	1.77	0.06	0.84	3.37	0.07	0.50		1.60	0.09		3	2	-20296
-20297	15 51 3	-18 48.1	2	0.75	0.3	0.4	2.28	0.07	2.34	5.42	0.07	0.84		3.14	0.10		3	3	-20297
-20298	15 51 58	-20 40.8	2	0.12	0.3	1.1	1.36	0.07	0.63	5.14	0.08	2.00		3.78	0.11		2	2	-20298
-20299	15 52 42	-18 38.6	1	0.19	0.3	0.7	2.09	0.07	0.19	5.53	0.07	0.37		3.44	0.10		3	3	-20299
-20300	15 53 27	-18 9.4	2	0.37	0.3	0.4	2.89	0.11	4.41	7.03	0.19	-		4.14	0.22		3	1	-20300

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-20251	1 1 0 0 1 0 0 1 0 0										-20251
-20252	1 0 0 0 1 0 0 1 0 1	7.60	M5				-23 11042		0	0.3	-20252
-20253	0 1 0 0 1 0 0 0 0 0	4.75	K1	III	5068	18181	-15 3668		-4	0.4	-20253
-20254	0 1 0 1 1 0 0 1 0 0	4.98	M7	G	5080	18239	-22 3601	R HYA	0	0.0	-20254
-20255	0 1 0 0 1 0 0 0 0 0	5.65	K2	G	5099	18305	-14 3739		-3	1.1	-20255
-20256	0 1 0 1 2 0 0 1 0 0	7.80	M0				-21 3736		0	0.1	-20256
-20257	1 0 0 0 2 0 1 1 0 0	8.90	M2				-18 3665		-2	0.2	-20257
-20258	0 1 0 0 1 0 0 1 0 0	5.44	M1	III	5181	18632	-17 3932		-2	-0.3	-20258
-20259	1 0 0 0 2 0 0 0 0 0										-20259
-20260	1 0 0 0 2 0 0 1 0 0	7.30	M1				-17 3934		1	-0.2	-20260
-20261	0 1 0 0 1 0 0 1 0 0	5.11	K1	III	5196	18676	-17 3937		-1	0.0	-20261
-20262	0 1 0 1 1 0 0 2 0 0	6.28	K0		5246	18859	-22 3687		-1	0.5	-20262
-20263	0 2 0 0 1 0 0 1 0 0										-20263
-20264	1 0 0 0 2 0 0 1 0 0	7.15	M0			19088	-18 3757		-2	0.1	-20264
-20265	0 1 0 0 2 0 0 1 0 0	4.91	M3	G	5301	19125	-15 3817		-3	0.0	-20265
-20266	0 1 0 0 3 0 0 1 0 0										-20266
-20267	0 1 0 1 1 0 0 0 0 0	8.30	M2				-20 4039		-3	-0.2	-20267
-20268	1 2 0 1 2 0 0 0 0 0	6.11	K5	G	5513	19895	-20 4093		0	0.0	-20268
-20269	0 1 0 1 1 0 0 0 0 0										-20269
-20270	0 3 0 0 1 0 0 1 0 0	5.78	K1	G	5521	19936	-23 11916		3	0.4	-20270
-20271R	0 1 0 0 1 0 0 0 0 0	2.75	A		5531	19975	-15 3966		0	0.0	-20271
-20272	0 1 0 0 1 0 0 1 0 0	8.80	F5				-24 11709		-5	-2.8	-20272
-20273	0 1 0 0 1 0 0 1 0 0	5.44	K2	G	5548	20047	-24 11735		2	-0.2	-20273
-20274	0 1 0 1 1 0 0 0 0 0							EG LIB	0	0.0	-20274
-20275R	0 1 0 1 1 0 0 0 0 0	5.80	K5	V	5568	20113	-20 4125		0	-0.6	-20275
-20276	1 0 0 0 1 0 0 1 0 0										-20276
-20277	0 1 0 0 1 0 0 2 0 0	8.00	M0				-22 10778		-1	0.1	-20277
-20278	2 0 0 0 1 0 0 1 0 0	7.80	M2				-18 3951		-1	-0.1	-20278
-20279	0 1 0 0 2 0 0 1 0 0	5.28	K5	III	5622	20311	-15 4026		1	0.2	-20279
-20280	0 1 0 0 1 0 0 1 0 0	7.90	M2				-22 10852		0	0.4	-20280
-20281	0 1 0 0 1 0 0 1 0 0	6.81	K5			20383	-23 12101		5	0.1	-20281
-20282	1 0 0 0 1 0 0 1 0 0	6.77	K0			20432	-18 3997		0	-1.0	-20282
-20283	0 1 0 0 3 0 0 1 0 0	5.71	K5	G	5678	20522	-21 4065		-2	-0.2	-20283
-20284	0 1 0 0 1 0 0 1 0 0										-20284
-20285	1 0 0 0 1 0 0 1 0 0										-20285
-20286	0 2 0 0 1 0 0 1 0 0							RS LIB	1	-0.1	-20286
-20287	0 2 0 0 1 0 0 1 0 0	5.92	K5	III	5743	20782	-16 4089		1	0.1	-20287
-20288	0 1 0 0 1 0 0 1 0 0	7.12	M3			20870	-23 12359		1	-0.1	-20288
-20289	0 1 0 0 1 0 0 0 0 0							RU LIB	-2	0.0	-20289
-20290	0 2 0 0 2 0 0 1 0 0										-20290
-20291	0 1 0 0 1 0 0 1 0 0	4.96	K4	G	5824	21057	-23 12458		0	0.1	-20291
-20292	1 1 0 0 2 0 0 0 0 0	4.72	K5	III	5838	21094	-19 4188		1	-0.4	-20292
-20293	0 1 0 0 1 0 0 0 0 0										-20293
-20294	1 1 0 0 1 0 0 0 0 0	8.80	M3				-19 4218		-2	-0.1	-20294
-20295	0 1 0 0 1 0 0 0 0 0	7.50	M2				-20 4329		-3	0.2	-20295
-20296	0 1 0 0 2 0 0 0 0 0	4.14	K0	III	5908	21342	-16 4174		1	0.3	-20296
-20297	1 1 0 0 1 0 0 0 0 0	7.00	M1				-18 4191		0	0.1	-20297
-20298	0 1 0 0 1 0 0 0 0 0										-20298
-20299	1 1 0 0 1 0 0 0 0 0	8.50	M3				-18 4196		-3	0.1	-20299
-20300	1 1 0 0 1 0 0 0 0 0							RR LIB	-5	0.2	-20300

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20301	15	54	14	-15	53.4	2	0.50	0.3	0.7	1.65	0.06	0.06	4.57	0.08	0.06		2.92	0.10		2	2	-20301
-20302	15	55	21	-15	18.5	2	0.37	0.5	2.1	2.21	0.09	0.12	6.63	0.11	0.31		4.42	0.14		2	2	-20302
-20303	15	57	21	-22	29.0	1	1.00	0.3	0.2	2.61	0.07	1.00	2.59	0.05	0.09		-0.02	0.09		4	3	-20303
-20304	16	0	55	-24	35.4	2	0.50	0.7	2.3	2.89	0.13	0.19	5.17	0.08	0.06		2.28	0.15		2	2	-20304
-20305R	16	2	32	-19	40.1	2	2.37	0.5	0.1	2.51	0.10	0.12	2.61	-	-	Q	0.10	-		2	2	-20305
-20306	16	3	5	-21	36.3	2	0.25	0.3	1.5	1.56	0.07	0.19	5.79	0.07	0.06		4.23	0.10		2	2	-20306
-20307	16	3	59	-20	39.5	2	0.12	0.3	0.1	2.53	0.10	0.19	4.43	-	-	Q	1.90	-		2	2	-20307
-20308	16	4	32	-20	44.9	2	1.25	0.5	1.0	2.31	0.08	0.06	3.61	0.08	0.19		1.30	0.11		2	2	-20308
-20309	16	5	19	-23	39.6	2	0.25	0.3	0.4	1.03	0.06	0.56	5.08	0.09	-		4.05	0.11		2	1	-20309
-20310	16	16	51	-22	10.1	2	6.00	0.3	0.4	2.92	0.10	0.47	7.23	0.13	0.09		4.31	0.16		3	3	-20310
-20311	16	17	38	-24	3.1	2	4.31	0.3	0.2	1.57	0.07	0.19	3.43	0.06	1.22		1.86	0.09		3	3	-20311
-20312	16	17	43	-21	43.8	2	0.12	0.3	0.1	2.41	0.08	0.06	5.19	0.07	0.06		2.78	0.11		2	2	-20312
-20313	16	17	46	-23	43.3	2	0.12	0.7	0.1	2.96	0.12	0.44	7.72	0.30	-		4.76	0.32		2	1	-20313
-20314	16	20	22	-23	21.6	2	0.25	0.5	0.4	2.20	0.08	0.06	8.14	0.32	0.06		5.94	0.33		2	2	-20314
-20315	16	20	53	-22	15.7	1	3.75	0.3	1.2	0.84	0.05	0.25	5.09	0.06	0.09		4.25	0.08		4	3	-20315
-20316	16	21	11	-19	55.4	2	0.12	0.5	0.1	2.15	0.08	0.06	3.72	0.08	0.06		1.57	0.11		2	2	-20316
-20317	16	26	32	-19	14.2	1	5.00	0.3	4.7	2.34	0.05	2.97	8.29	0.21	0.47		5.95	0.22		5	5	-20317
-20318	16	28	17	-16	30.4	2	7.25	0.3	2.5	2.26	0.05	0.37	3.70	0.06	0.25		1.44	0.08		4	4	-20318
-20319	16	30	50	-16	2.1	2	4.00	0.5	0.2	1.65	0.07	2.37	5.93	0.07	1.31		4.28	0.10		4	3	-20319
-20320	16	32	26	-24	51.1	2	1.75	0.3	0.2	1.88	0.06	2.12	6.00	0.10	0.69		4.12	0.12		4	2	-20320
-20321	16	36	16	-21	46.4	2	11.44	0.3	0.2	1.58	0.05	0.37	6.82	0.10	0.75		5.24	0.11		3	3	-20321
-20322	16	36	43	-20	46.9	2	0.56	0.5	0.2	1.19	0.07	0.19	6.09	0.09	2.91		4.90	0.11		3	3	-20322
-20323R	16	37	35	-20	18.0	2	0.25	0.5	0.1	2.48	0.09	0.44	5.20	-	-	Q	2.72	-		2	2	-20323
-20324	16	38	19	-19	52.1	2	0.12	0.5	1.4	1.29	0.07	0.06	6.34	0.09	0.06		5.05	0.11		2	2	-20324
-20325	16	38	42	-17	38.5	2	2.62	0.3	0.6	2.35	0.07	0.56	4.11	0.07	0.19		1.76	0.10		3	3	-20325
-20326	16	41	43	-22	59.5	2	0.12	0.5	0.1	2.87	0.10	0.06	6.49	0.13	-		3.62	0.16		2	1	-20326
-20327	16	42	35	-19	2.9	2	2.50	0.3	1.0	1.54	0.05	0.25	4.71	0.05	2.75		3.17	0.07		4	4	-20327
-20328	16	42	46	-19	46.3	2	0.12	0.8	0.2	2.77	0.10	0.63	7.64	0.20	0.06		4.87	0.22		2	2	-20328
-20329	16	43	13	-16	48.9	2	0.19	0.5	0.2	2.81	0.09	0.19	6.39	0.07	1.97		3.58	0.11		3	3	-20329
-20330	16	43	40	-16	29.7	2	2.62	0.3	4.3	2.09	0.06	0.75	6.10	0.08	1.41		4.01	0.10		3	3	-20330
-20331	16	45	12	-24	26.0	2	5.00	0.3	0.2	2.76	0.09	1.37	5.52	0.06	0.63		2.76	0.11		4	4	-20331
-20332	16	46	4	-20	22.2	2	1.12	0.5	0.4	2.87	0.11	2.72	6.38	0.08	0.19		3.51	0.14		3	3	-20332
-20333	16	46	6	-19	23.1	2	2.25	0.5	0.2	2.91	0.10	2.12	7.22	0.10	28.13		4.31	0.14	I	4	4	-20333
-20334	16	46	38	-21	46.5	2	0.12	0.3	0.1	1.55	0.06	0.19	5.01	0.08	-		3.46	0.10		2	1	-20334
-20335	16	50	18	-21	35.5	2	0.12	0.5	0.1	2.47	0.10	0.31	6.35	0.09	0.06		3.88	0.13		2	2	-20335
-20336	16	52	10	-21	53.5	2	0.50	0.3	0.1	0.48	0.06	1.69	4.45	0.14	-		3.97	0.15		2	1	-20336
-20337	16	53	37	-15	24.6	2	0.25	0.3	0.5	1.94	0.08	0.06	5.49	0.09	-		3.55	0.12		2	1	-20337
-20338	16	53	52	-15	51.8	2	0.50	0.3	4.4	2.27	0.07	0.06	5.92	0.09	0.19		3.65	0.11		2	2	-20338
-20339	16	54	31	-23	15.2	2	2.06	0.5	4.1	2.76	0.08	0.09	6.21	0.07	1.03		3.45	0.11		3	3	-20339
-20340	16	54	56	-19	42.5	2	0.37	0.5	0.2	2.34	0.08	0.12	5.84	0.08	0.19		3.50	0.11		2	2	-20340
-20341	17	0	13	-20	29.9	2	-	0.5	-	2.95	0.16	-	-	-	-		-	-		1	0	-20341
-20342	17	0	20	-20	4.0	2	0.75	0.5	0.1	1.94	0.08	0.37	5.44	0.08	0.25		3.50	0.11		2	2	-20342
-20343	17	0	25	-21	45.1	2	0.25	0.8	0.5	3.28	0.13	3.62	7.63	0.21	0.06		4.35	0.25	K	2	2	-20343
-20344	17	0	51	-24	46.5	2	1.87	0.3	0.6	2.51	0.08	0.56	6.04	0.07	1.69		3.53	0.11		3	3	-20344
-20345R	17	3	31	-23	50.6	2	2.75	0.3	0.2	2.30	0.09	1.00	5.67	-	-	Q	3.37	-		4	4	-20345
-20346	17	3	55	-16	42.8	1	2.75	0.3	4.5	2.88	0.07	0.63	7.16	-	-	Q	4.28	-		4	4	-20346
-20347	17	4	54	-16	1.6	1	0.50	0.2	4.0	0.83	0.06	8.75	5.53	0.10	24.00		4.70	0.12	K,I	4	3	-20347
-20348	17	7	34	-15	39.9	2	0.63	0.3	2.0	2.37	0.08	0.12	2.52	0.08	0.06		0.15	0.11		2	2	-20348
-20349	17	7	46	-24	18.0	2	1.12	0.5	0.2	2.95	0.11	0.09	7.98	0.25	0.47		5.03	0.27		3	3	-20349
-20350	17	12	26	-21	23.0	2	0.12	0.3	0.1	1.53	0.07	0.06	6.88	0.12	0.12		5.35	0.14		2	2	-20350

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-20301	0 1 0 0 1 0 0 0 0 0	6.80	M0			21411	-15 4221		-1	0.0	-20301
-20302	0 1 0 0 1 0 0 0 0 0	8.10	A2				-15 4226		-5	1.5	-20302
-20303	0 1 0 0 2 0 0 1 0 0	2.32	B0	V	5953	21489	-22 4068		-2	-0.1	-20303
-20304	0 1 0 0 1 0 0 0 0 0	6.42	K0		5973	21571	-24 12499		1	0.0	-20304
-20305R	0 1 0 0 1 0 0 0 0 0	2.63	B0	V	5984	21609	-19 4307		0	0.1	-20305
-20306	0 1 0 0 1 0 0 0 0 0							Z SCO	1	-0.4	-20306
-20307	0 1 0 0 1 0 0 0 0 0										-20307
-20308	0 1 0 0 1 0 0 0 0 0	4.31	G2	G	5997	21659	-20 4408		3	-0.8	-20308
-20309	0 1 0 0 1 0 0 0 0 0	8.80	M3				-23 12725		6	0.1	-20309
-20310	0 1 0 0 2 0 0 0 0 0										-20310
-20311	0 2 0 0 1 0 0 0 0 0	4.53	A5	II	6081	21969	-23 12849		0	-0.1	-20311
-20312	0 1 0 0 1 0 0 0 0 0	7.11	K5			21971	-21 4341		-3	-0.4	-20312
-20313	0 1 0 0 1 0 0 0 0 0										-20313
-20314	0 1 0 0 1 0 0 0 0 0										-20314
-20315	0 1 0 0 3 0 0 0 0 0	8.40	M3				-22 11524		0	-0.5	-20315
-20316	0 1 0 0 1 0 0 0 0 0	4.48	K0	III	6104	22042	-19 4365		1	-0.1	-20316
-20317	0 1 0 0 4 0 0 0 0 0							Y SCO	0	0.1	-20317
-20318	0 2 0 0 2 0 0 0 0 0	4.28	G8	III	6147	22200	-16 4298		1	-0.1	-20318
-20319	0 2 0 0 2 0 0 0 0 0							T OPH	-2	-0.5	-20319
-20320	0 2 0 0 1 0 0 1 0 0										-20320
-20321	0 2 0 0 1 0 0 0 0 0										-20321
-20322	0 1 0 0 2 0 0 0 0 0										-20322
-20323R	0 1 0 0 1 0 0 0 0 0	9.00	M2				-20 4536		1	0.2	-20323
-20324	0 1 0 0 1 0 0 0 0 0										-20324
-20325	0 1 0 0 2 0 0 0 0 0	5.04	G8	II	6196	22449	-17 4618		1	0.3	-20325
-20326	0 1 0 0 1 0 0 0 0 0	9.00	M2				-22 11618		-2	0.0	-20326
-20327	0 1 0 0 3 0 0 0 0 0	6.89	K5			22538	-18 4320		0	-0.1	-20327
-20328	0 1 0 0 1 0 0 0 0 0										-20328
-20329	0 1 0 0 2 0 0 0 0 0	8.80	K5				-16 4344		0	-0.3	-20329
-20330	0 1 0 0 2 0 0 0 0 0										-20330
-20331	0 2 0 0 1 0 0 1 0 0	7.48	K5			22599	-24 12834		0	0.3	-20331
-20332	0 1 0 0 2 0 0 0 0 0	8.30	K5				-20 4563		0	-0.1	-20332
-20333	0 1 0 0 3 0 0 0 0 0							RR OPH	-1	-0.4	-20333
-20334	0 1 0 0 1 0 0 0 0 0	7.60	M0			22629	-21 4422		1	-0.5	-20334
-20335	0 1 0 0 1 0 0 0 0 0	9.00	M2				-21 4438		1	0.1	-20335
-20336	0 1 0 0 1 0 0 0 0 0	8.70	M4				-21 4445	SY OPH	2	-0.1	-20336
-20337	0 1 0 0 1 0 0 0 0 0	8.80	M2				-15 4410		1	-0.2	-20337
-20338	0 1 0 0 1 0 0 0 0 0	8.80	K5				-15 4412		2	0.1	-20338
-20339	0 1 0 0 2 0 0 0 0 0	8.70	M0				-23 12996		-4	-0.7	-20339
-20340	0 1 0 0 1 0 0 0 0 0	8.30	M3				-19 4474		0	0.4	-20340
-20341	0 0 0 0 1 0 0 0 0 0										-20341
-20342	0 1 0 0 1 0 0 0 0 0	8.20	M2				-19 4498		-1	0.3	-20342
-20343	0 1 0 0 1 0 0 0 0 0										-20343
-20344	0 1 0 0 1 0 0 1 0 0	9.00	M2				-24 13058		1	0.1	-20344
-20345R	0 2 0 0 1 0 0 1 0 0	8.40	M2				-23 13113		0	-0.3	-20345
-20346	0 1 0 0 3 0 0 0 0 0										-20346
-20347	0 1 0 0 3 0 0 0 0 0	6.00	M5E			23105	-15 4455	R OPH	0	0.0	-20347
-20348	0 1 0 0 1 0 0 0 0 0	2.44	A2	V	6378	23158	-15 4467		3	0.0	-20348
-20349	0 1 0 0 1 0 0 1 0 0										-20349
-20350	0 1 0 0 1 0 0 0 0 0										-20350

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20351	17 13 27	-15 10.5	2	0.12	0.3	0.1	1.86	0.08	0.12	4.74	0.08	0.12		2.88	0.11		2	2	-20351
-20352	17 14 8	-17 37.5	2	1.75	0.3	2.0	2.78	0.08	0.12	7.49	0.12	3.84		4.71	0.14		4	3	-20352
-20353R	17 14 55	-24 13.5	2	0.19	0.5	2.8	2.74	0.09	0.09	4.29	0.19	-		1.55	0.21		3	1	-20353
-20354	17 15 26	-16 15.9	1	1.00	0.3	7.5	1.83	0.05	0.37	4.66	0.05	0.50		2.83	0.07		4	4	-20354
-20355	17 16 34	-18 54.3	2	0.75	0.3	1.7	2.54	0.08	0.94	5.70	0.06	0.66		3.16	0.10		3	3	-20355
-20356	17 16 55	-21 40.8	2	0.37	0.5	0.1	2.76	0.11	0.12	7.35	0.17	0.06		4.59	0.20		2	2	-20356
-20357	17 18 20	-21 30.9	2	0.50	0.5	0.1	2.26	0.08	0.63	5.91	0.10	-		3.65	0.13		2	1	-20357
-20358	17 18 55	-20 31.6	3	-	0.7	-	2.84	0.16	-	5.59	0.09	-		2.75	0.18		1	1	-20358
-20359	17 21 23	-22 20.5	1	9.75	0.3	13.0	2.20	0.06	0.50	7.41	0.15	0.94		5.21	0.16		4	3	-20359
-20360	17 23 21	-20 41.3	3	-	0.8	-	2.96	0.16	-	6.96	-	-	Q	4.00	-		1	1	-20360
-20361	17 23 40	-21 25.7	2	0.25	0.7	0.1	2.91	0.15	0.06	5.55	0.09	-		2.64	0.17		2	1	-20361
-20362	17 24 31	-18 54.9	2	1.87	0.5	2.5	2.83	0.11	1.06	6.76	0.11	1.75		3.93	0.16		2	2	-20362
-20363	17 25 52	-23 24.1	2	0.37	0.3	0.2	2.94	0.09	0.94	6.33	0.07	0.19		3.39	0.11		3	3	-20363
-20364	17 26 47	-19 25.6	2	2.00	0.3	0.1	0.26	0.06	0.44	4.69	0.07	2.19		4.43	0.09		2	2	-20364
-20365	17 26 53	-24 53.8	2	1.75	0.3	0.2	2.49	0.07	0.37	7.98	0.31	0.25		5.49	0.32		4	2	-20365
-20366	17 28 9	-23 37.1	2	1.31	0.5	0.2	2.91	0.10	0.84	6.34	0.09	1.75		3.43	0.13		3	2	-20366
-20367	17 28 13	-20 13.2	3	-	0.8	-	2.46	0.12	-	6.62	0.14	-		4.16	0.18		1	1	-20367
-20368	17 30 8	-22 23.7	2	0.50	0.3	2.8	2.52	0.08	4.50	8.99	0.54	0.31		6.47	0.55		4	2	-20368
-20369	17 31 8	-24 50.5	2	6.75	0.3	0.4	1.42	0.06	0.09	5.41	0.06	0.75		3.99	0.08		3	3	-20369
-20370	17 31 47	-23 41.9	2	0.94	0.3	2.1	1.58	0.04	4.50	6.68	0.09	0.94		5.10	0.10		3	3	-20370
-20371	17 33 18	-22 25.7	1	0.50	0.3	1.5	2.02	0.05	2.00	6.90	0.10	0.28		4.88	0.11		4	3	-20371
-20372	17 34 31	-16 19.2	1	4.37	0.3	3.9	2.29	0.04	1.75	6.41	0.05	5.91		4.12	0.06		7	7	-20372
-20373	17 34 40	-15 23.0	2	0.12	0.7	0.4	2.86	0.12	0.25	3.56	0.08	-		0.70	0.14		2	1	-20373
-20374	17 35 13	-20 50.4	4	-	1.0	-	2.69	0.17	-	8.97	0.74	-		6.28	0.76		1	1	-20374
-20375	17 35 58	-21 39.0	2	4.50	0.3	0.1	2.14	0.08	0.19	6.23	-	-	Q	4.09	-		2	2	-20375
-20376	17 37 15	-24 40.1	2	5.50	0.3	0.2	2.25	0.08	5.87	8.22	0.37	0.44		5.97	0.38		4	2	-20376
-20377	17 38 52	-16 45.3	1	11.56	0.3	4.7	2.34	0.04	10.62	7.62	0.12	31.88		5.28	0.13	K,I	5	4	-20377
-20378	17 38 56	-20 46.1	2	1.87	0.7	0.1	3.00	0.17	0.06	7.97	-	-	Q	4.97	-		2	1	-20378
-20379	17 39 8	-20 23.7	3	-	0.7	-	2.26	0.12	-	7.27	0.22	-		5.01	0.25		1	1	-20379
-20380	17 39 53	-17 27.2	1	3.50	0.3	0.2	2.38	0.05	1.25	7.62	0.12	0.25		5.24	0.13		4	4	-20380
-20381	17 41 34	-22 55.9	2	0.19	0.5	0.2	2.90	0.09	2.81	6.60	0.10	0.06		3.70	0.13		3	2	-20381
-20382	17 42 1	-18 38.3	2	-	0.5	-	2.05	0.10	-	6.08	0.10	-		4.03	0.14		1	1	-20382
-20383	17 42 59	-16 5.5	2	0.19	0.5	0.9	3.06	0.10	5.25	7.87	0.17	4.78		4.81	0.20	K,I	3	3	-20383
-20384	17 44 46	-22 27.2	2	0.50	0.3	0.2	2.62	0.06	0.75	4.84	0.05	6.56		2.22	0.08	I	4	3	-20384
-20385	17 45 1	-24 45.5	2	0.12	0.3	0.1	2.21	0.07	0.12	7.44	0.19	0.06		5.23	0.20		2	2	-20385
-20386	17 45 23	-22 1.1	2	0.50	0.5	1.7	2.69	0.09	0.25	6.79	0.11	0.06		4.10	0.14		2	2	-20386
-20387	17 45 34	-24 37.3	3	0.12	1.0	0.2	2.84	0.15	0.06	6.98	0.13	0.19		4.14	0.20		2	2	-20387
-20388	17 45 41	-19 45.9	2	-	0.5	-	1.98	0.10	-	5.75	-	-	Q	3.77	-		1	1	-20388
-20389	17 45 46	-23 13.5	2	0.56	0.5	4.1	2.99	0.09	4.41	8.58	0.48	-		5.59	0.49		3	1	-20389
-20390	17 46 57	-23 19.9	2	2.62	0.5	0.4	2.87	0.12	0.09	8.10	0.86	-		5.23	0.87		3	1	-20390
-20391	17 47 1	-21 30.9	2	0.12	0.5	0.1	2.71	0.11	0.06	7.52	0.17	0.50		4.81	0.20		2	2	-20391
-20392	17 47 16	-22 23.4	2	0.50	0.3	0.7	2.17	0.06	1.62	6.35	0.06	13.37		4.18	0.08	I	4	4	-20392
-20393	17 47 52	-21 46.1	2	0.50	0.5	0.6	2.62	0.09	0.56	6.36	0.09	2.19		3.74	0.13		2	2	-20393
-20394	17 48 31	-22 10.0	2	3.19	0.5	1.7	2.96	0.13	2.34	9.23	-	-	Q	6.27	-		3	3	-20394
-20395	17 49 56	-24 12.1	2	0.75	0.5	0.1	2.77	0.10	0.06	6.16	0.11	0.06		3.39	0.15		2	2	-20395
-20396	17 50 0	-18 8.1	2	0.75	0.3	0.4	2.55	0.09	0.75	6.91	0.08	5.81		4.36	0.12	I	3	3	-20396
-20397	17 51 23	-23 13.5	1	12.50	0.3	0.7	1.21	0.04	2.87	5.61	0.05	1.12		4.40	0.06		4	4	-20397
-20398	17 51 51	-23 29.2	2	3.94	0.5	0.6	2.82	0.09	0.66	6.78	0.09	0.56		3.96	0.13		3	3	-20398
-20399	17 51 53	-23 58.5	2	4.75	0.5	1.7	2.91	0.08	0.25	9.00	0.77	-		6.09	0.77		4	1	-20399
-20400	17 52 29	-24 6.3	2	0.12	0.7	0.1	2.97	0.13	2.06	8.01	0.29	0.06		5.04	0.32		2	2	-20400

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-20351	0 1 0 0 1 0 0 0 0 0	6.75	K2			23306	-15 4502		2	-0.3	-20351
-20352	0 2 0 0 2 0 0 0 0 0	8.90	A2				-17 4761		0	-1.3	-20352
-20353R	0 1 0 0 1 0 0 1 0 0	5.39	K1	III	6424	23343	-24 13255		-3	0.4	-20353
-20354	0 1 0 0 3 0 0 0 0 0	6.50	K5		6428	23357	-16 4470		0	-0.3	-20354
-20355	0 1 0 0 2 0 0 0 0 0	7.50	K5				-18 4489		0	0.0	-20355
-20356	0 1 0 0 1 0 0 0 0 0										-20356
-20357	0 1 0 0 1 0 0 0 0 0	8.40	M2				-21 4587		-3	-0.4	-20357
-20358	0 0 0 0 1 0 0 0 0 0	7.50	K2				-20 4742		2	-0.3	-20358
-20359	0 1 0 0 2 0 0 1 0 0										-20359
-20360	0 0 0 0 1 0 0 0 0 0										-20360
-20361	0 1 0 0 1 0 0 0 0 0	7.63	G5			23609	-21 4607		-2	-0.7	-20361
-20362	0 0 0 0 2 0 0 0 0 0										-20362
-20363	0 1 0 0 1 0 0 1 0 0	8.50	K5				-23 13393		1	0.0	-20363
-20364	0 0 0 0 2 0 0 0 0 0							TW OPH	0	0.5	-20364
-20365	0 1 0 0 2 0 0 1 0 0										-20365
-20366	0 1 0 0 1 0 0 1 0 0	8.30	K5				-23 13411		-2	0.2	-20366
-20367	0 0 0 0 1 0 0 0 0 0										-20367
-20368	0 1 0 0 2 0 0 1 0 0										-20368
-20369	0 1 0 0 1 0 0 1 0 0	8.20	K5				-24 13386		-2	0.1	-20369
-20370	0 1 0 0 1 0 0 1 0 0										-20370
-20371	0 1 0 0 2 0 0 1 0 0	8.50	B9				-22 12130		-11	-1.1	-20371
-20372	0 3 0 0 4 0 0 0 0 0										-20372
-20373	0 1 0 0 1 0 0 0 0 0	3.54	F0	IV	6561	23881	-15 4621		-4	-0.9	-20373
-20374	0 0 0 0 1 0 0 0 0 0										-20374
-20375	0 1 0 0 1 0 0 0 0 0	9.00	K5				-21 4684		7	-1.3	-20375
-20376	0 1 0 0 1 0 0 2 0 0							V548 OPH	0	0.3	-20376
-20377	0 2 0 0 3 0 0 0 0 0							BG OPH	-2	0.4	-20377
-20378	0 0 0 0 2 0 0 0 0 0										-20378
-20379	0 0 0 0 1 0 0 0 0 0										-20379
-20380	0 2 0 0 2 0 0 0 0 0										-20380
-20381	0 1 0 0 1 0 0 1 0 0	9.20	A0				-22 12200		11	-1.2	-20381
-20382	0 0 0 0 1 0 0 0 0 0	8.60	N3				-18 4634	SZ SGR	0	0.0	-20382
-20383	0 2 0 0 1 0 0 0 0 0							FK SGR	3	0.4	-20383
-20384	0 1 0 0 2 0 0 1 0 0	6.24	K0		6617	24147	-22 4423		1	0.4	-20384
-20385	0 0 0 0 1 0 0 1 0 0										-20385
-20386	0 1 0 0 1 0 0 0 0 0										-20386
-20387	0 0 0 0 1 0 0 1 0 0										-20387
-20388	0 0 0 0 1 0 0 0 0 0	8.30	M2				-19 4708		-3	0.0	-20388
-20389	0 1 0 0 1 0 0 1 0 0										-20389
-20390	0 1 0 0 2 0 0 0 0 0										-20390
-20391	0 1 0 0 1 0 0 0 0 0										-20391
-20392	0 1 0 0 2 0 0 1 0 0										-20392
-20393	0 1 0 0 1 0 0 0 0 0	8.70	K5				-21 4752		4	0.5	-20393
-20394	0 0 0 0 2 0 0 1 0 0										-20394
-20395	0 0 0 0 1 0 0 1 0 0	8.50	K5				-24 13575		4	0.1	-20395
-20396	0 2 0 0 1 0 0 0 0 0										-20396
-20397	0 1 0 0 2 0 0 1 0 0							V774 SGR	-2	0.1	-20397
-20398	0 1 0 0 1 0 0 1 0 0										-20398
-20399	0 1 0 0 1 0 0 2 0 0										-20399
-20400	0 0 0 0 1 0 0 1 0 0										-20400

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20401	17	53	2	-17	27.1	2	0.75	0.3	2.0	2.88	0.07	1.75	7.63	0.15	0.47		4.75	0.17		4	3	-20401
-20402	17	53	2	-21	7.0	2	1.12	0.7	0.1	2.89	0.13	0.06	7.82	0.23	0.25		4.93	0.26		2	2	-20402
-20403	17	54	2	-19	20.9	2	0.25	0.5	6.0	1.97	0.08	9.06	6.09	0.10	-		4.12	0.13	K	2	1	-20403
-20404	17	54	2	-19	31.5	4	-	1.0	-	3.00	0.21	-	-	-	-		-	-		1	0	-20404
-20405	17	54	5	-23	55.8	1	0.50	0.3	0.2	1.42	0.05	0.50	4.48	0.05	0.12		3.06	0.07		4	4	-20405
-20406	17	55	26	-22	32.8	2	2.00	0.3	12.5	2.94	0.09	3.00	7.74	0.15	4.22		4.80	0.17		4	3	-20406
-20407	17	55	49	-16	35.6	1	2.19	0.3	10.9	2.70	0.06	6.41	7.76	0.13	0.16		5.06	0.14		5	5	-20407
-20408	17	56	20	-21	25.6	2	0.12	0.3	0.2	2.59	0.09	0.06	7.06	0.12	0.06		4.47	0.15		2	2	-20408
-20409	17	56	53	-23	31.1	2	4.00	0.3	4.5	1.81	0.04	0.37	6.14	0.08	0.06		4.33	0.09		4	2	-20409
-20410	17	57	5	-20	21.7	3	0.37	0.8	0.5	2.76	0.15	0.50	5.16	0.09	-		2.40	0.17		2	1	-20410
-20411	17	57	13	-24	2.0	2	0.75	0.3	1.1	2.29	0.07	0.37	6.45	0.10	3.00		4.16	0.12	I	3	2	-20411
-20412	17	57	59	-22	54.5	2	1.75	0.3	3.8	2.82	0.09	1.12	7.63	0.31	-		4.81	0.32		4	1	-20412
-20413	17	58	11	-20	31.6	2	0.12	0.5	0.6	2.61	0.09	0.06	6.19	0.09	0.06		3.58	0.13		2	2	-20413
-20414	17	58	25	-15	21.7	2	1.31	0.3	1.3	2.06	0.06	0.66	5.51	0.06	0.09		3.45	0.08		3	3	-20414
-20415	17	58	28	-17	9.2	2	1.31	0.3	0.2	1.95	0.05	0.47	4.70	0.06	0.56		2.75	0.08		3	3	-20415
-20416	17	58	50	-22	44.9	2	2.06	0.3	0.2	2.42	0.06	0.09	5.79	0.06	0.19		3.37	0.08		3	3	-20416
-20417	17	59	1	-23	37.6	2	2.62	0.5	0.4	2.26	0.07	0.66	7.30	0.15	0.56		5.04	0.17		3	3	-20417
-20418	17	59	22	-23	28.1	1	1.75	0.3	1.7	1.89	0.05	3.25	8.72	0.36	0.12		6.83	0.36		4	4	-20418
-20419	17	59	26	-17	8.0	2	0.19	0.3	0.2	2.81	0.07	0.47	6.21	0.06	0.84		3.40	0.09		3	3	-20419
-20420	17	59	26	-19	10.7	2	0.12	0.5	0.5	2.70	0.11	0.12	7.22	0.13	0.63		4.52	0.17		2	2	-20420
-20421	17	59	28	-22	55.6	2	1.50	0.3	0.2	2.56	0.07	0.56	5.56	-	-	Q	3.00	-		3	3	-20421
-20422	17	59	53	-22	0.9	2	0.37	0.5	3.6	2.73	0.10	2.72	6.83	0.14	-		4.10	0.17		3	1	-20422
-20423R	18	0	28	-21	49.3	2	0.12	0.5	3.6	2.35	0.08	0.06	8.85	0.51	0.81		6.50	0.52		2	2	-20423
-20424	18	0	59	-20	19.5	2	0.12	0.5	0.4	0.90	0.07	9.06	7.21	0.15	0.12		6.31	0.17	K	2	2	-20424
-20425	18	1	2	-16	56.1	1	1.25	0.3	4.8	1.82	0.05	1.25	5.84	0.05	4.00		4.02	0.07		4	4	-20425
-20426	18	1	56	-15	42.4	2	0.19	0.3	0.2	2.80	0.08	0.19	6.23	0.07	0.09		3.43	0.11		3	3	-20426
-20427	18	2	38	-21	14.0	2	0.37	0.7	0.7	2.58	0.10	0.06	7.37	0.15	0.56		4.79	0.18		2	2	-20427
-20428	18	3	47	-22	4.0	2	2.25	0.3	2.8	2.52	0.08	0.12	5.69	0.07	1.87		3.17	0.11		4	4	-20428
-20429	18	4	37	-19	18.2	2	5.75	0.3	4.0	2.86	0.08	0.63	6.83	0.09	1.50		3.97	0.12		4	4	-20429
-20430	18	4	52	-17	9.6	2	0.75	0.3	1.7	2.92	0.08	1.37	4.80	0.06	0.25		1.88	0.10		4	2	-20430
-20431	18	5	5	-22	14.0	1	4.00	0.3	1.5	-0.37	0.04	5.25	4.39	0.06	18.50		4.76	0.07	I	4	4	-20431
-20432	18	5	20	-23	52.0	2	1.31	0.3	0.2	2.58	0.09	5.72	7.55	0.26	0.06		4.97	0.28	K	3	2	-20432
-20433	18	5	20	-20	3.0	3	-	0.5	-	2.43	0.13	-	7.83	-	-	Q	5.40	-		1	1	-20433
-20434	18	5	25	-18	33.6	4	-	1.2	-	2.80	0.15	-	5.33	0.09	-		2.53	0.17		1	1	-20434
-20435R	18	5	50	-21	24.7	2	0.50	0.3	1.1	2.67	0.10	0.94	5.74	-	-	Q	3.07	-		2	2	-20435
-20436	18	6	22	-17	22.9	2	0.25	0.3	1.2	2.99	0.08	7.37	8.71	0.26	0.25		5.72	0.27	K	4	4	-20436
-20437	18	6	34	-23	7.8	1	1.12	0.3	0.4	1.66	0.05	0.09	5.60	0.06	0.66		3.94	0.08		3	3	-20437
-20438	18	6	52	-15	17.6	2	0.19	0.3	0.2	2.07	0.06	0.47	5.32	0.06	0.37		3.25	0.08		3	3	-20438
-20439	18	7	14	-24	0.9	2	2.06	0.3	0.7	2.11	0.06	0.09	6.70	0.09	0.94		4.59	0.11		3	3	-20439
-20440	18	7	37	-23	40.1	2	0.37	0.3	1.3	2.95	0.11	0.66	7.54	0.47	-		4.59	0.48		3	1	-20440
-20441	18	8	5	-18	53.1	4	-	0.7	-	1.85	0.10	-	5.56	0.09	-		3.71	0.13		1	1	-20441
-20442	18	8	43	-21	18.2	2	2.37	0.3	4.4	2.85	0.11	0.06	7.26	0.18	-		4.41	0.21		2	1	-20442
-20443	18	8	44	-23	42.6	2	0.19	0.3	0.2	2.55	0.08	0.09	4.18	0.07	0.37		1.63	0.11		3	3	-20443
-20444	18	9	6	-18	52.9	3	-	0.5	-	1.69	0.09	-	6.46	0.12	-		4.77	0.15		1	1	-20444
-20445	18	9	22	-21	7.6	2	0.19	0.5	0.2	1.94	0.11	0.09	6.22	0.10	0.94		4.28	0.15		3	3	-20445
-20446	18	9	51	-17	25.6	2	0.56	0.3	1.5	2.30	0.06	2.34	5.48	0.06	2.37		3.18	0.08		3	2	-20446
-20447R	18	9	58	-16	19.4	1	5.31	0.3	11.9	2.82	0.06	2.03	6.99	0.09	1.59		4.17	0.11		5	3	-20447
-20448	18	9	58	-24	53.8	2	0.25	0.8	0.1	2.97	0.15	0.06	8.05	0.43	-		5.08	0.46		2	1	-20448
-20449	18	10	47	-19	15.1	2	0.12	0.7	0.1	2.81	0.11	0.25	6.53	0.09	0.12		3.72	0.14		2	2	-20449
-20450	18	10	50	-17	10.1	2	0.25	0.5	0.2	2.45	0.08	0.75	5.82	0.05	0.63		3.37	0.09		4	4	-20450

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-20401	0 2 0 0 2 0 0 0 0 0										-20401
-20402	0 1 0 0 1 0 0 0 0 0										-20402
-20403	0 0 0 0 2 0 0 0 0 0							VV SGR	-4	-0.9	-20403
-20404	0 0 0 0 1 0 0 0 0 0										-20404
-20405	0 1 0 0 1 0 0 2 0 0	6.85	K5			24397	-23 13678		0	0.3	-20405
-20406	0 1 0 0 2 0 0 1 0 0										-20406
-20407	0 2 0 0 3 0 0 0 0 0										-20407
-20408	0 1 0 0 1 0 0 0 0 0										-20408
-20409	0 1 0 0 1 0 0 2 0 0										-20409
-20410	0 1 0 0 1 0 0 0 0 0	6.48	K0	II	6704	24490	-20 4940		3	-1.5	-20410
-20411	0 1 0 0 1 0 0 1 0 0	9.20	M				-24 13739		0	0.0	-20411
-20412	0 1 0 0 2 0 0 1 0 0										-20412
-20413	0 1 0 0 1 0 0 0 0 0	8.50	K5				-20 4946		1	-0.4	-20413
-20414	0 2 0 0 1 0 0 0 0 0	9.00	M2				-15 4775		0	-0.1	-20414
-20415	0 2 0 0 1 0 0 0 0 0	6.31	K3	III	6715	24517	-17 4987		-1	0.2	-20415
-20416	0 1 0 0 1 0 0 1 0 0	5.73	B0	II	6716	24526	-22 4503		-3	2.0	-20416
-20417	0 1 0 0 1 0 0 1 0 0										-20417
-20418	0 1 0 0 1 0 0 2 0 0										-20418
-20419	0 2 0 0 1 0 0 0 0 0	9.00	M1				-17 4996		-2	-0.2	-20419
-20420	0 0 0 0 2 0 0 0 0 0										-20420
-20421	0 1 0 0 1 0 0 1 0 0	7.28	F5			24543	-22 4510		-2	-1.2	-20421
-20422	0 1 0 0 1 0 0 1 0 0										-20422
-20423R	0 1 0 0 1 0 0 0 0 0										-20423
-20424	0 1 0 0 1 0 0 0 0 0										-20424
-20425	0 2 0 0 2 0 0 0 0 0										-20425
-20426	0 2 0 0 1 0 0 0 0 0	9.00	M3				-15 4805		1	0.3	-20426
-20427	0 1 0 0 1 0 0 0 0 0										-20427
-20428	0 1 0 0 2 0 0 1 0 0	7.50	K5				-22 12561		-2	-0.8	-20428
-20429	0 0 0 0 4 0 0 0 0 0										-20429
-20430	0 3 0 0 1 0 0 0 0 0	5.52	K1	III	6769	24692	-17 5028		-2	0.1	-20430
-20431	0 1 0 0 2 0 0 1 0 0	8.50	B5				-22 12593	VX SGR	-3	2.8	-20431
-20432	0 1 0 0 1 0 0 1 0 0										-20432
-20433	0 0 0 0 1 0 0 0 0 0										-20433
-20434	0 0 0 0 1 0 0 0 0 0							AX SGR	-6	0.0	-20434
-20435R	0 1 0 0 1 0 0 0 0 0	8.30	K5				-21 4869		-6	-0.1	-20435
-20436	0 3 0 0 1 0 0 0 0 0										-20436
-20437	0 1 0 0 1 0 0 1 0 0	9.30	A0				-23 13984		10	-2.5	-20437
-20438	0 2 0 0 1 0 0 0 0 0	7.80	M2				-15 4840		1	-0.1	-20438
-20439	0 1 0 0 1 0 0 1 0 0										-20439
-20440	0 1 0 0 1 0 0 1 0 0							SY SGR	-15	2.1	-20440
-20441	0 0 0 0 1 0 0 0 0 0										-20441
-20442	0 1 0 0 1 0 0 0 0 0										-20442
-20443	0 1 0 0 1 0 0 1 0 0	5.13	K0	G	6801	24799	-23 14047		3	0.2	-20443
-20444	0 0 0 0 1 0 0 0 0 0										-20444
-20445	0 2 0 0 1 0 0 0 0 0										-20445
-20446	0 2 0 0 1 0 0 0 0 0	8.40	M4				-17 5066		1	0.1	-20446
-20447R	0 2 0 0 2 1 0 0 0 0	9.20	B				-16 4755		2	-0.8	-20447
-20448	0 0 0 0 1 0 0 1 0 0										-20448
-20449	0 0 0 0 2 0 0 0 0 0										-20449
-20450	0 3 0 0 1 0 0 0 0 0	8.90	M				-17 5074		0	0.2	-20450

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20451	18	11	18	-21	44.0	2	1.62	0.3	0.5	1.80	0.06	0.12	4.18	0.09	0.25		2.38	0.11		2	2	-20451
-20452	18	11	31	-22	47.0	2	11.25	0.5	1.5	2.94	0.09	1.25	7.70	0.20	0.25		4.76	0.22		4	2	-20452
-20453	18	12	36	-18	56.5	3	-	0.5	-	2.38	0.10	-	5.70	0.09	-		3.32	0.13		1	1	-20453
-20454	18	13	31	-16	40.0	1	8.00	0.3	2.5	0.87	0.04	3.87	6.09	0.10	0.50		5.22	0.11		4	2	-20454
-20455	18	13	31	-17	40.4	2	0.12	0.5	0.4	2.38	0.07	1.37	7.40	0.19	0.12		5.02	0.20		2	2	-20455
-20456	18	14	17	-17	23.5	2	0.12	0.3	0.5	2.22	0.07	1.44	4.55	0.10	1.94		2.33	0.12		2	2	-20456
-20457	18	14	47	-15	18.4	2	0.37	0.5	0.2	2.70	0.09	0.47	7.70	0.37	-		5.00	0.38		3	1	-20457
-20458	18	14	59	-17	50.6	2	0.12	0.5	0.5	1.68	0.05	0.31	5.56	0.06	0.37		3.88	0.08		2	2	-20458
-20459	18	15	14	-24	19.9	2	0.25	1.2	0.1	2.88	0.12	0.56	6.50	0.12	0.06		3.62	0.17		2	2	-20459
-20460	18	15	32	-18	29.1	4	-	1.0	-	2.54	0.16	-	5.64	0.09	-		3.10	0.18		1	1	-20460
-20461	18	15	34	-15	20.6	3	0.12	0.7	2.9	1.23	0.14	0.06	6.25	0.51	-		5.02	0.53		2	1	-20461
-20462	18	15	51	-15	13.0	4	0.12	1.3	0.2	2.68	0.17	0.06	6.25	0.51	-		3.57	0.54		2	1	-20462
-20463	18	16	22	-15	46.6	1	0.25	0.3	2.3	2.48	0.05	4.37	7.00	0.44	-		4.52	0.44		4	1	-20463
-20464	18	16	29	-15	38.1	2	3.50	0.5	1.5	2.83	0.08	2.37	6.66	0.08	1.41		3.83	0.11		4	3	-20464
-20465	18	17	16	-15	51.4	1	0.50	0.3	0.2	1.97	0.04	2.37	4.30	0.07	1.75		2.33	0.08		4	4	-20465
-20466R	18	17	35	-16	12.4	1	0.31	0.3	1.6	2.95	0.07	3.59	6.34	-	-	Q	3.39	-		5	5	-20466
-20467	18	18	8	-15	15.9	2	4.50	0.5	0.9	2.43	0.09	0.47	5.27	0.07	0.09		2.84	0.11		3	3	-20467
-20468	18	18	22	-24	56.5	2	0.75	0.3	0.1	-0.20	0.06	1.87	3.28	0.07	0.50		3.48	0.09		2	2	-20468
-20469	18	19	0	-23	34.5	2	2.44	0.5	1.7	2.99	0.10	3.37	7.25	0.19	0.06		4.26	0.21		3	2	-20469
-20470	18	19	42	-19	24.7	2	0.37	0.3	0.7	2.36	0.07	0.56	7.89	0.23	0.44		5.53	0.24		3	2	-20470
-20471	18	20	22	-20	40.8	2	0.37	0.3	0.1	2.17	0.08	1.00	5.36	0.08	0.06		3.19	0.11		2	2	-20471
-20472	18	20	34	-21	41.5	2	0.12	0.3	0.1	2.60	0.09	0.12	5.71	0.07	0.50		3.11	0.11		2	2	-20472
-20473	18	20	37	-23	3.9	2	1.00	0.5	0.5	2.76	0.07	2.00	5.98	0.05	0.75		3.22	0.09		4	4	-20473
-20474	18	21	7	-19	24.2	2	0.56	0.3	2.4	2.44	0.08	0.28	5.65	0.06	0.84		3.21	0.10		3	3	-20474
-20475	18	21	43	-19	45.5	2	0.12	0.3	0.5	2.09	0.07	0.63	5.33	0.08	0.06		3.24	0.11		2	2	-20475
-20476	18	21	59	-16	18.2	1	4.12	0.2	5.3	2.13	0.04	0.75	5.58	0.05	3.56		3.45	0.06		6	6	-20476
-20477	18	22	4	-18	33.9	2	-	0.5	-	2.59	0.11	-	5.50	0.09	-		2.91	0.14		1	1	-20477
-20478	18	22	23	-20	34.4	2	0.12	0.5	0.1	1.28	0.07	0.06	3.56	0.08	0.06		2.28	0.11		2	2	-20478
-20479	18	23	2	-19	43.1	2	0.75	0.3	0.4	2.39	0.08	0.06	6.95	0.13	0.06		4.56	0.15		2	2	-20479
-20480	18	23	12	-21	51.6	3	0.50	1.2	0.9	2.31	0.11	0.06	7.48	0.21	-		5.17	0.24		2	1	-20480
-20481	18	23	22	-18	8.6	4	-	0.8	-	2.84	0.16	-	7.16	0.17	-		4.32	0.23		1	1	-20481
-20482	18	23	31	-22	8.1	2	11.50	0.5	13.5	2.43	0.09	0.50	7.35	0.13	0.09		4.92	0.16		4	3	-20482
-20483	18	23	46	-21	8.7	3	-	0.7	-	2.89	0.18	-	7.07	0.18	-		4.18	0.25		1	1	-20483
-20484	18	25	8	-16	47.4	2	0.87	0.3	0.4	2.69	0.08	8.69	8.10	0.22	0.06		5.41	0.23	K	2	2	-20484
-20485	18	25	10	-21	16.1	2	0.87	0.3	0.2	1.64	0.06	0.87	5.33	0.07	0.06		3.69	0.09		2	2	-20485
-20486	18	25	38	-19	48.8	2	0.12	0.5	0.1	1.98	0.07	0.25	5.69	0.08	0.12		3.71	0.11		2	2	-20486
-20487	18	26	7	-17	49.1	2	1.31	0.3	0.7	1.35	0.06	1.41	6.13	0.07	0.06		4.78	0.09		3	2	-20487
-20488	18	27	31	-16	55.8	2	0.37	0.5	2.8	2.59	0.08	1.50	6.49	0.08	13.62		3.90	0.11	I	2	2	-20488
-20489	18	27	32	-20	5.4	2	0.25	0.7	0.1	2.81	0.12	1.50	6.91	0.12	10.81		4.10	0.17	I	2	2	-20489
-20490	18	28	28	-21	17.2	2	0.19	0.3	0.2	2.34	0.09	0.19	5.91	0.07	0.06		3.57	0.11		3	2	-20490
-20491	18	29	5	-24	59.4	2	4.00	0.5	1.2	3.22	0.09	6.87	8.11	0.23	2.87		4.89	0.25	K	4	4	-20491
-20492	18	29	37	-23	16.0	2	0.19	0.5	0.2	2.68	0.08	0.84	7.71	0.17	0.09		5.03	0.19		3	3	-20492
-20493	18	30	8	-19	48.6	2	0.12	0.5	0.1	2.29	0.08	0.31	6.84	0.12	0.06		4.55	0.14		2	2	-20493
-20494	18	30	14	-20	8.5	2	0.37	0.8	0.4	2.85	0.13	0.94	8.09	0.37	-		5.24	0.39		2	1	-20494
-20495	18	30	50	-24	3.9	2	0.94	0.5	2.8	1.31	0.05	0.09	3.83	0.08	0.50		2.52	0.09		3	2	-20495
-20496	18	31	55	-19	33.5	2	1.31	0.3	1.9	2.66	0.08	0.84	7.32	0.22	-		4.66	0.23		3	1	-20496
-20497	18	32	28	-19	18.7	2	0.37	0.3	0.4	0.72	0.05	2.34	3.93	0.07	0.09		3.21	0.09		3	3	-20497
-20498	18	33	22	-23	55.1	2	2.00	0.5	7.8	3.11	0.13	3.81	5.01	0.08	-		1.90	0.15	K	2	1	-20498
-20499	18	33	44	-23	48.3	2	0.56	0.3	0.2	2.67	0.08	0.47	6.04	0.08	0.37		3.37	0.11		3	2	-20499
-20500	18	33	47	-19	56.4	2	1.50	0.3	0.1	1.89	0.07	0.06	5.86	0.08	0.06		3.97	0.11		2	2	-20500

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-20451	0 1 0 0 1 0 0 0 0 0	5.73	K3	G	6816	24871	-21 4916		2	-0.3	-20451
-20452	0 1 0 0 1 0 0 2 0 0	9.40	K2				-22 12745		-2	-2.1	-20452
-20453	0 0 0 0 1 0 0 0 0 0										-20453
-20454	0 2 0 0 1 1 0 0 0 0										-20454
-20455	0 1 0 0 1 0 0 0 0 0										-20455
-20456	0 1 0 0 1 0 0 0 0 0	5.98	K4	II	6838	24946	-17 5112		0	0.1	-20456
-20457	0 2 0 0 1 0 0 0 0 0										-20457
-20458	0 1 0 0 1 0 0 0 0 0	8.90	M2				-17 5117		-1	0.3	-20458
-20459	0 0 0 0 1 0 0 1 0 0	9.00	M3				-24 14152		-1	-0.5	-20459
-20460	0 0 0 0 1 0 0 0 0 0	8.00	K5				-18 4895		6	0.6	-20460
-20461	0 1 0 0 1 0 0 0 0 0										-20461
-20462	0 1 0 0 1 0 0 0 0 0										-20462
-20463	0 2 0 0 1 1 0 0 0 0										-20463
-20464	0 2 0 0 1 1 0 0 0 0	8.80	R5				-15 4923		0	0.0	-20464
-20465	0 2 0 0 1 1 0 0 0 0	5.71	K4	III	6858	25006	-15 4927		-1	-0.1	-20465
-20466R	0 2 0 0 2 1 0 0 0 0	9.60					-16 4818		-8	-0.2	-20466
-20467	0 2 0 0 1 0 0 0 0 0	7.50	K2				-15 4938		-3	-0.6	-20467
-20468	0 0 0 0 1 0 0 1 0 0	6.25	M5	G	6861	25039	-24 14219		-5	-0.1	-20468
-20469	0 1 0 0 1 0 0 1 0 0										-20469
-20470	0 1 0 0 2 0 0 0 0 0										-20470
-20471	0 1 0 0 1 0 0 0 0 0	8.40	M0				-20 5118		1	0.1	-20471
-20472	0 1 0 0 1 0 0 0 0 0	8.20	K5				-21 4974		-2	-0.1	-20472
-20473	0 2 0 0 1 0 0 1 0 0	8.60	M0				-23 14319		-3	0.5	-20473
-20474	0 1 0 0 2 0 0 0 0 0	7.50	K5				-19 4987		0	1.0	-20474
-20475	0 1 0 0 1 0 0 0 0 0	8.00	K5				-19 4992		1	0.2	-20475
-20476	0 3 0 0 2 1 0 0 0 0	8.50	K5				-16 4861		-2	0.0	-20476
-20477	0 0 0 0 1 0 0 0 0 0	7.90	M2				-18 4953		0	0.2	-20477
-20478	0 1 0 0 1 0 0 0 0 0	4.81	K2	II	6896	25132	-20 5134		0	-0.2	-20478
-20479	0 1 0 0 1 0 0 0 0 0										-20479
-20480	0 1 0 0 1 0 0 0 0 0										-20480
-20481	0 0 0 0 1 0 0 0 0 0	8.50	A				-18 4962		-9	-1.6	-20481
-20482	0 1 0 0 2 0 0 1 0 0										-20482
-20483	0 0 0 0 1 0 0 0 0 0							V1661SGR	-13	1.3	-20483
-20484	0 1 0 0 1 0 0 0 0 0										-20484
-20485	0 1 0 0 1 0 0 0 0 0	8.80	M2				-21 5013		-1	0.1	-20485
-20486	0 1 0 0 1 0 0 0 0 0										-20486
-20487	0 1 0 0 2 0 0 0 0 0										-20487
-20488	0 1 0 0 1 0 0 0 0 0							SS SGR	-2	0.3	-20488
-20489	0 1 0 0 1 0 0 0 0 0										-20489
-20490	0 1 0 0 2 0 0 0 0 0	8.50	K5				-21 5032		-2	0.0	-20490
-20491	0 1 0 0 1 0 0 2 0 0							V1902SGR	-15	-2.6	-20491
-20492	0 1 0 0 1 0 0 1 0 0							V1680SGR	12	2.5	-20492
-20493	0 1 0 0 1 0 0 0 0 0										-20493
-20494	0 1 0 0 1 0 0 0 0 0										-20494
-20495	0 1 0 0 1 0 0 1 0 0	5.71	K4	C	6961	25336	-24 14472		-1	0.4	-20495
-20496	0 1 0 0 2 0 0 0 0 0	8.90	G5				-19 5075		-6	0.8	-20496
-20497	0 1 0 0 2 0 0 0 0 0	7.19	M3			25382	-19 5077		1	-0.2	-20497
-20498	0 1 0 0 0 0 0 1 0 0										-20498
-20499	0 1 0 0 1 0 0 1 0 0	8.50	M0				-23 14543	V1311SGR	-1	0.1	-20499
-20500	0 1 0 0 1 0 0 0 0 0										-20500

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20501	18 33 55	-15 59.3	1	1.25	0.3	6.3	2.49	0.05	0.63	5.29	0.04	1.87		2.80	0.06		5	5	-20501
-20502	18 34 10	-19 14.9	2	1.12	0.5	0.2	2.92	0.09	1.97	5.44	0.06	2.34		2.52	0.11		3	3	-20502
-20503	18 35 24	-24 40.4	2	4.00	0.3	4.0	2.67	0.09	0.50	6.90	0.11	1.50		4.23	0.14		4	3	-20503
-20504	18 35 29	-18 24.7	2	0.12	0.5	0.2	2.48	0.10	0.63	6.54	0.10	0.06		4.06	0.14		2	2	-20504
-20505	18 36 10	-15 5.0	2	6.00	0.3	0.5	1.93	0.06	0.75	5.11	0.06	6.19		3.18	0.08	I	4	3	-20505
-20506	18 37 23	-15 16.5	1	1.00	0.3	3.5	2.75	0.08	10.87	7.45	0.11	0.37		4.70	0.14	K	4	4	-20506
-20507	18 37 24	-18 35.8	2	0.12	0.3	0.4	2.71	0.09	0.56	7.81	0.21	0.06		5.10	0.23		2	2	-20507
-20508	18 38 25	-17 7.6	2	6.25	0.3	0.1	2.23	0.06	0.44	5.67	0.06	6.37		3.44	0.08	I	2	2	-20508
-20509	18 39 57	-15 58.6	1	1.31	0.3	5.3	2.88	0.08	0.37	7.55	0.15	0.75		4.67	0.17		3	2	-20509
-20510	18 39 58	-19 19.9	1	2.06	0.3	0.6	-0.60	0.05	2.34	2.96	0.06	0.66		3.56	0.08		3	3	-20510
-20511	18 40 53	-15 19.5	2	3.44	0.3	2.2	2.97	0.08	3.28	6.23	0.05	1.25		3.26	0.09		5	5	-20511
-20512	18 41 4	-21 45.3	2	0.12	0.8	0.1	2.85	0.12	0.44	7.07	0.12	0.63		4.22	0.17		2	2	-20512
-20513	18 42 13	-20 30.5	2	1.50	0.3	0.4	1.98	0.06	1.69	5.84	0.08	0.75		3.86	0.10		3	2	-20513
-20514	18 42 59	-17 21.1	2	0.12	0.5	0.2	2.04	0.06	0.37	6.79	0.14	-		4.75	0.15		2	1	-20514
-20515	18 43 4	-19 39.6	2	0.19	0.3	0.7	0.42	0.06	0.19	3.52	0.08	0.44		3.10	0.10		3	2	-20515
-20516	18 43 19	-22 26.7	1	0.75	0.3	0.2	1.50	0.04	0.37	3.90	0.06	0.75		2.40	0.07		4	4	-20516
-20517	18 44 18	-20 25.6	2	1.31	0.3	3.0	2.69	0.10	0.09	7.34	-	-	Q	4.65	-		3	3	-20517
-20518	18 44 33	-23 59.9	1	6.37	0.3	7.1	2.69	0.06	5.06	7.22	0.09	4.84		4.53	0.11		6	5	-20518
-20519	18 45 7	-16 50.0	2	1.62	0.5	0.1	2.96	0.08	0.37	5.42	0.06	1.00		2.46	0.10		2	2	-20519
-20520	18 45 16	-19 15.6	2	1.31	0.3	0.2	2.70	0.08	0.09	5.27	0.06	2.34		2.57	0.10		3	3	-20520
-20521	18 45 31	-22 33.3	2	1.00	0.3	0.7	2.27	0.05	1.00	7.15	0.22	-		4.88	0.23		4	1	-20521
-20522	18 45 35	-23 16.1	2	0.56	0.3	0.4	2.34	0.06	1.03	6.08	0.07	1.22		3.74	0.09		3	3	-20522
-20523	18 46 43	-20 23.2	2	0.19	0.3	1.9	1.83	0.09	1.31	4.04	0.09	0.06		2.21	0.13		3	2	-20523
-20524	18 50 13	-21 32.5	2	0.63	0.3	1.1	1.76	0.05	4.25	7.77	0.21	0.69		6.01	0.22	K	2	2	-20524
-20525	18 51 5	-21 25.2	2	0.12	0.5	0.1	2.80	0.11	2.06	4.76	0.06	0.12		1.96	0.13		2	2	-20525
-20526	18 51 10	-22 48.3	2	2.50	0.3	0.7	1.78	0.05	0.25	3.74	0.06	0.25		1.96	0.08		4	4	-20526
-20527	18 52 3	-16 35.6	2	0.94	0.3	0.6	0.34	0.05	1.12	4.06	0.06	0.47		3.72	0.08		3	3	-20527
-20528	18 52 7	-22 44.1	2	0.19	0.3	0.7	2.02	0.05	0.75	4.12	0.07	0.19		2.10	0.09		3	3	-20528
-20529	18 53 49	-18 23.4	3	1.25	1.2	0.1	2.93	0.13	0.31	6.50	0.13	0.31		3.57	0.18		2	2	-20529
-20530	18 54 46	-21 10.7	2	1.12	0.3	1.1	0.76	0.07	0.75	2.54	0.07	1.00		1.78	0.10		3	2*	-20530
-20531	18 55 33	-19 14.6	2	0.50	0.3	1.2	2.58	0.07	1.12	5.95	0.06	4.59		3.37	0.09		4	3	-20531
-20532	18 56 29	-19 21.0	1	0.31	0.3	0.9	1.00	0.04	0.78	4.11	0.06	2.19		3.11	0.07		5	5	-20532
-20533	18 58 36	-22 46.0	2	0.50	0.3	9.7	2.41	0.05	2.00	4.95	0.04	2.87		2.54	0.06		4	4	-20533
-20534	19 0 43	-22 47.1	1	5.31	0.3	6.9	-0.43	0.05	1.72	3.89	0.06	3.87		4.32	0.08		5	4	-20534
-20535	19 1 9	-19 28.4	2	2.06	0.3	0.2	2.61	0.09	1.03	7.11	0.11	4.78		4.50	0.14	I	3	3	-20535
-20536	19 1 41	-21 48.9	2	1.62	0.3	0.1	1.47	0.05	1.19	2.99	0.09	-		1.52	0.10	I	2	1*	-20536
-20537	19 2 7	-21 1.7	2	0.12	0.5	0.1	2.94	0.12	1.44	5.66	0.08	0.25		2.72	0.14		2	2	-20537
-20538	19 4 46	-17 6.4	2	0.12	0.3	0.2	1.60	0.05	16.00	7.15	0.11	10.31		5.55	0.12	K,I	2	2	-20538
-20539	19 5 50	-19 1.7	2	2.06	0.3	0.2	2.81	0.07	0.56	5.15	0.05	0.37		2.34	0.09		3	3	-20539
-20540	19 5 56	-22 19.2	2	0.31	0.3	0.3	2.22	0.05	40.00	8.27	0.21	1.09		6.05	0.22	K	5	5	-20540
-20541	19 6 28	-15 7.4	2	0.87	0.7	0.1	2.11	0.08	0.06	6.48	0.09	0.06		4.37	0.12		2	2	-20541
-20542	19 6 46	-21 6.4	2	0.19	0.5	0.9	1.82	0.08	4.03	2.74	0.08	4.50		0.92	0.11	I	3	2*	-20542
-20543	19 8 0	-15 9.6	2	2.81	0.3	0.2	1.12	0.07	0.09	4.50	0.10	1.31		3.38	0.12		3	3	-20543
-20544	19 8 56	-20 23.0	2	0.12	0.5	0.1	2.86	0.11	0.69	6.36	0.15	-		3.50	0.19		2	1	-20544
-20545	19 10 37	-18 12.5	2	1.75	0.5	4.3	2.91	0.10	0.75	7.97	0.16	2.62		5.06	0.19		4	4	-20545
-20546	19 11 2	-18 56.5	2	1.37	0.5	0.2	3.00	0.11	0.06	6.38	0.09	0.63		3.38	0.14		2	2	-20546
-20547	19 11 39	-18 55.4	2	0.25	0.7	0.2	2.80	0.15	1.94	7.71	0.20	0.12		4.91	0.25		2	2	-20547
-20548	19 13 22	-17 3.6	2	0.63	0.3	0.2	1.43	0.06	6.81	4.92	0.06	1.31		3.49	0.08	K	2	2	-20548
-20549	19 13 50	-19 24.1	2	6.50	0.3	0.5	2.21	0.07	6.87	6.18	0.08	24.00		3.97	0.11	K,I	4	3	-20549
-20550	19 14 45	-19 1.0	2	0.63	0.3	0.7	2.20	0.07	2.00	4.15	0.09	0.19		1.95	0.11		2	2	-20550

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
-20501	0 3 0 0 1 1 0 0 0 0	7.38	K5			25418	-16	4952		-1	0.0	-20501
-20502	0 1 0 0 2 0 0 0 0 0	7.15	K2			25425	-19	5097		-1	0.3	-20502
-20503	0 1 0 0 1 0 0 2 0 0											-20503
-20504	0 1 0 0 1 0 0 0 0 0											-20504
-20505	0 2 0 0 1 1 0 0 0 0	7.75	K5			25494	-15	5043		-2	0.1	-20505
-20506	0 2 0 0 1 1 0 0 0 0											-20506
-20507	0 1 0 0 1 0 0 0 0 0											-20507
-20508	0 1 0 0 1 0 0 0 0 0	8.80	M2				-17	5288		-1	-0.3	-20508
-20509	0 1 0 0 1 1 0 0 0 0											-20509
-20510	0 1 0 0 2 0 0 0 0 0	6.49	M4		7023	25588	-19	5134		-1	0.2	-20510
-20511	0 3 0 0 1 1 0 0 0 0	9.00	M2				-15	5076		-1	0.0	-20511
-20512	0 1 0 0 1 0 0 0 0 0											-20512
-20513	0 1 0 0 2 0 0 0 0 0											-20513
-20514	0 1 0 0 1 0 0 0 0 0											-20514
-20515	0 1 0 0 2 0 0 0 0 0	6.55	M4	G	7045	25677	-19	5154		0	0.0	-20515
-20516	0 1 0 0 2 0 0 1 0 0	5.80	K4	G	7046	25687	-22	4854		-1	0.0	-20516
-20517	0 1 0 0 2 0 0 0 0 0	9.10	A0				-20	5265	NP SGR	10	1.3	-20517
-20518	0 3 0 0 1 0 0 2 0 0								NR SGR	1	0.6	-20518
-20519	0 1 0 0 1 0 0 0 0 0	7.20	K2				-16	5033		1	0.0	-20519
-20520	0 1 0 0 2 0 0 0 0 0	7.04	K5			25749	-19	5168		-2	-0.3	-20520
-20521	0 1 0 0 2 0 0 1 0 0											-20521
-20522	0 1 0 0 1 0 0 1 0 0	8.90	M1				-23	14733		-1	0.2	-20522
-20523	0 1 0 0 2 0 0 0 0 0	5.37	K4	G	7078	25785	-20	5277		1	-0.3	-20523
-20524	0 1 0 1 0 0 0 0 0 0											-20524
-20525	0 1 0 0 1 0 0 0 0 0	5.75	K0	C	7114	25914	-21	5176		4	0.1	-20525
-20526	0 1 0 0 2 0 0 1 0 0	4.83	K2	C	7116	25918	-22	4907		1	0.2	-20526
-20527	0 1 0 0 1 1 0 0 0 0	8.50	M3				-16	5074	UX SGR	1	-0.2	-20527
-20528	0 1 0 0 1 0 0 1 0 0	4.98	K1	II	7120	25939	-22	4915		1	0.0	-20528
-20529	0 1 0 0 1 0 0 0 0 0											-20529
-20530	0 2 0 0 1 0 0 0 0 0	3.52	K1	III	7150	26019	-21	5201		1	-0.3	-20530
-20531	0 1 0 0 3 0 0 0 0 0	8.70	M3				-19	5250		0	0.1	-20531
-20532	0 1 0 0 4 0 0 0 0 0	6.70	M0			26063	-19	5255		1	-0.1	-20532
-20533	0 1 0 0 2 0 0 1 0 0	6.34	K5		7182	26127	-22	4946	V1058SGR	-2	0.1	-20533
-20534	0 1 0 0 2 0 0 2 0 0	8.80	M7				-22	13563	SU SGR	0	0.1	-20534
-20535	0 1 0 0 2 0 0 0 0 0											-20535
-20536	0 1 0 0 1 0 0 0 0 0	3.76	G8	G	7217	26224	-21	5237		0	0.1	-20536
-20537	0 1 0 0 1 0 0 0 0 0	8.10	K5				-21	5242		1	-0.4	-20537
-20538	0 1 0 0 1 0 0 0 0 0								FQ SGR	1	-0.4	-20538
-20539	0 1 0 0 2 0 0 0 0 0	6.70	K0			26351	-19	5317		2	0.3	-20539
-20540	0 1 0 0 3 0 0 1 0 0											-20540
-20541	0 1 0 0 0 1 0 0 0 0											-20541
-20542	0 2 0 0 1 0 0 0 0 0	2.90	F2	II	7264	26386	-21	5275		-2	-0.1	-20542
-20543	0 2 0 0 0 1 0 0 0 0	8.00	M3				-15	5259		-1	0.0	-20543
-20544	0 1 0 0 1 0 0 0 0 0											-20544
-20545	0 2 0 0 2 0 0 0 0 0								V1111SGR	-5	-3.0	-20545
-20546	0 1 0 0 1 0 0 0 0 0	9.20	M4				-19	5347	RW SGR	3	0.4	-20546
-20547	0 1 0 0 1 0 0 0 0 0								RX SGR	1	-1.4	-20547
-20548	0 1 0 0 1 0 0 0 0 0								T SGR	0	0.0	-20548
-20549	0 2 0 0 2 0 0 0 0 0	6.70	M5E			26557	-19	5367	R SGR	4	-0.3	-20549
-20550	0 1 0 0 1 0 0 0 0 0	5.03	G8	II	7304	26589	-19	5379		2	1.6	-20550

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20551	19 15 28	-19 27.0	2	3.75	0.3	1.7	1.85	0.07	1.75	5.18	0.06	1.12		3.33	0.09		4	3	-20551
-20552	19 15 46	-16 26.4	2	0.94	0.5	0.4	2.85	0.08	0.19	6.61	0.15	-		3.76	0.17		3	1	-20552
-20553	19 16 9	-15 37.9	2	1.87	0.5	0.2	2.51	0.07	0.47	4.98	0.05	1.31		2.47	0.09		3	3	-20553
-20554	19 16 17	-16 0.4	2	1.50	0.3	5.8	1.18	0.05	0.47	4.79	0.06	0.06		3.61	0.08		3	2	-20554
-20555	19 16 43	-21 1.1	2	0.63	0.3	0.1	1.71	0.07	0.06	6.77	0.12	16.00		5.06	0.14	I	2	2	-20555
-20556	19 17 36	-17 8.4	2	0.75	0.3	0.2	2.62	0.08	1.06	5.53	0.06	0.50		2.91	0.10		2	2	-20556
-20557	19 17 56	-18 17.6	2	2.37	0.5	0.2	2.70	0.09	0.63	6.35	0.09	4.00		3.65	0.13	I	2	2	-20557
-20558	19 18 52	-16 3.3	2	0.75	0.3	0.9	2.58	0.07	0.09	4.58	0.10	0.06		2.00	0.12		3	2	-20558
-20559	19 22 30	-24 3.3	2	0.56	0.3	2.4	2.12	0.06	0.09	4.29	0.07	4.12		2.17	0.09		3	3	-20559
-20560	19 23 19	-21 52.3	2	15.00	0.3	1.2	2.78	0.08	4.12	4.73	0.04	0.25		1.95	0.09		4	4	-20560
-20561	19 23 28	-21 21.0	3	0.50	1.3	0.1	2.99	0.18	0.06	5.74	0.07	0.37		2.75	0.19		2	2	-20561
-20562	19 24 9	-18 36.8	2	2.37	0.5	0.2	2.82	0.10	2.25	8.25	0.29	0.37		5.43	0.31		2	2	-20562
-20563	19 24 49	-17 22.4	2	2.00	0.3	0.1	0.87	0.05	0.06	6.00	0.07	1.87		5.13	0.09		2	2	-20563
-20564	19 26 50	-16 15.4	1	4.25	0.3	2.5	2.08	0.05	3.62	5.91	0.05	1.12		3.83	0.07		4	4	-20564
-20565	19 27 16	-19 29.4	2	0.19	0.3	2.6	2.70	0.08	1.41	5.69	0.06	0.09		2.99	0.10		3	3	-20565
-20566	19 30 26	-16 42.5	2	0.37	0.5	0.1	2.62	0.08	0.06	5.51	0.06	0.06		2.89	0.10		2	2	-20566
-20567	19 31 7	-22 44.9	2	2.06	0.3	1.7	2.11	0.05	0.19	6.17	0.07	2.62		4.06	0.09		3	3	-20567
-20568	19 31 26	-16 29.0	1	2.44	0.3	0.2	0.78	0.05	0.94	4.74	-	-	Q	3.96	-		3	3	-20568
-20569	19 31 31	-23 57.8	2	0.94	0.3	0.7	2.61	0.08	1.41	5.10	0.05	9.75		2.49	0.09	I	3	3	-20569
-20570	19 34 28	-22 4.1	2	3.12	0.3	2.2	2.39	0.06	0.94	5.39	0.05	0.75		3.00	0.08		5	4	-20570
-20571	19 37 51	-16 24.7	2	6.75	0.3	2.4	2.86	0.08	0.75	4.60	0.08	0.47		1.74	0.11		3	3	-20571
-20572	19 43 25	-19 53.1	2	0.12	0.3	0.2	2.44	0.09	0.75	4.05	0.09	0.06		1.61	0.13		2	2	-20572
-20573	19 43 41	-16 19.9	2	6.25	0.3	0.2	2.82	0.07	1.50	5.92	0.05	1.62		3.10	0.09		4	4	-20573
-20574	19 44 17	-17 11.4	2	1.00	0.3	2.0	1.63	0.05	0.31	4.75	0.07	0.12		3.12	0.09		2	2	-20574
-20575	19 45 45	-16 16.7	2	0.56	0.3	2.8	2.38	0.06	0.09	5.76	0.07	0.06		3.38	0.09		3	2	-20575
-20576	19 48 41	-19 20.2	2	6.25	0.3	2.0	2.91	0.08	3.62	5.90	0.05	0.37		2.99	0.09		4	4	-20576
-20577	19 53 9	-19 21.0	2	3.75	0.5	0.9	2.62	0.07	2.19	7.14	0.09	1.50		4.52	0.11		5	4	-20577
-20578	19 57 21	-16 40.9	2	5.75	0.3	1.5	2.12	0.06	0.25	6.75	0.08	0.50		4.63	0.10		4	4	-20578
-20579	19 58 28	-15 11.0	2	4.31	0.7	0.9	2.35	0.11	0.66	6.64	0.07	1.12		4.29	0.13		3	3	-20579
-20580	20 0 12	-22 15.6	1	7.19	0.3	1.9	2.78	0.08	4.84	8.01	0.24	0.06		5.23	0.25		5	2	-20580
-20581	20 0 22	-23 50.5	2	12.00	0.5	2.8	2.89	0.09	1.22	7.22	0.12	1.69		4.33	0.15		3	3	-20581
-20582	20 5 58	-15 34.3	2	1.62	0.3	0.1	2.62	0.08	0.06	5.68	0.08	1.87		3.06	0.11		2	2	-20582
-20583	20 11 23	-16 3.5	2	1.62	0.5	0.1	2.89	0.08	0.06	6.41	0.08	4.12		3.52	0.11	I	2	2	-20583
-20584	20 13 43	-18 34.1	1	1.50	0.3	1.5	2.16	0.06	3.00	5.88	0.06	0.09		3.72	0.08		3	3	-20584
-20585	20 14 5	-21 28.5	2	4.12	0.3	0.2	0.55	0.06	1.00	4.39	0.09	0.06		3.84	0.11		2	2	-20585
-20586	20 16 9	-16 1.1	2	2.50	0.3	0.1	1.88	0.06	0.19	5.67	0.07	0.44		3.79	0.09		2	2	-20586
-20587	20 16 31	-19 16.7	1	3.44	0.3	0.3	2.06	0.05	3.28	4.15	0.06	1.41		2.09	0.08		5	5	-20587
-20588	20 25 26	-15 52.0	2	0.37	0.5	0.4	2.62	0.07	0.56	6.46	0.08	1.19		3.84	0.11		2	2	-20588
-20589	20 26 37	-22 33.6	1	5.50	0.3	2.0	2.31	0.05	1.12	4.85	0.04	4.62		2.54	0.06		4	4	-20589
-20590	20 29 43	-21 51.8	2	0.50	0.5	0.9	2.84	0.10	7.37	7.57	0.18	3.75		4.73	0.21	K,I	2	2	-20590
-20591	20 31 11	-23 25.1	2	0.37	0.3	1.5	2.44	0.07	0.47	5.70	0.06	4.69		3.26	0.09	I	3	3	-20591
-20592	20 37 14	-18 19.4	2	0.37	0.3	0.7	0.74	0.05	0.66	3.32	0.06	0.94		2.58	0.08		3	3	-20592
-20593	20 41 43	-19 13.5	1	8.44	0.3	1.2	2.52	0.07	1.72	5.92	0.05	5.31		3.40	0.09		5	5	-20593
-20594	20 46 29	-18 13.1	2	2.00	0.5	1.2	2.97	0.10	0.50	5.10	0.06	0.19		2.13	0.12		4	3	-20594
-20595	20 52 1	-18 7.1	2	1.87	0.5	0.9	2.95	0.09	0.09	4.91	0.05	2.34		1.96	0.10		3	3	-20595
-20596	21 4 29	-16 37.5	1	1.50	0.3	1.2	-0.39	0.04	1.00	3.70	0.06	1.25		4.09	0.07		4	4	-20596
-20597	21 12 48	-20 51.8	2	0.12	0.5	0.1	2.58	0.09	0.06	4.42	0.10	0.06		1.84	0.13		2	2	-20597
-20598	21 12 56	-15 22.4	2	2.06	0.3	2.6	0.54	0.06	0.28	3.16	0.05	7.50		2.62	0.08	I	3	3	-20598
-20599	21 19 26	-17 2.9	2	8.25	0.3	0.5	2.26	0.05	1.87	3.65	0.05	2.12		1.39	0.07		4	4	-20599
-20600	21 20 10	-22 52.9	2	1.00	0.3	0.1	1.52	0.05	0.19	4.12	0.09	1.00		2.60	0.10		2	2	-20600

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	OTHER CATALOGS BS=HR	GC	DM	VAR	DA S	DD M	NO.
-20551	0 2 0 0 2 0 0 0 0 0										-20551
-20552	0 1 0 0 1 1 0 0 0 0										-20552
-20553	0 1 0 0 0 2 0 0 0 0	6.06	K4	G	7317	26626	-15 5310		0	-0.4	-20553
-20554	0 1 0 0 1 1 0 0 0 0	7.20	N0			26630	-16 5272	V1942SGR	-2	-0.3	-20554
-20555	0 1 0 0 1 0 0 0 0 0							Z SGR	-2	0.1	-20555
-20556	0 1 0 0 1 0 0 0 0 0	7.90	M2				-17 5588		-3	-0.1	-20556
-20557	0 1 0 0 1 0 0 0 0 0										-20557
-20558	0 1 0 0 1 1 0 0 0 0	4.61	A		7342	26697	-16 5283	UPS SGR	0	-0.2	-20558
-20559	0 1 0 0 1 0 0 1 0 0	5.56	K4	G	7363	26801	-24 15307		1	0.5	-20559
-20560	0 2 0 0 1 1 0 0 0 0	5.58	K3	G	7375	26823	-22 5105		-2	0.4	-20560
-20561	0 1 0 0 1 0 0 0 0 0	7.48	K2			26828	-21 5388		-2	-0.2	-20561
-20562	0 1 0 0 1 0 0 0 0 0										-20562
-20563	0 1 0 0 1 0 0 0 0 0										-20563
-20564	0 2 0 0 1 1 0 0 0 0	9.20	M4				-16 5332		0	-0.2	-20564
-20565	0 1 0 0 2 0 0 0 0 0										-20565
-20566	0 1 0 0 1 0 0 0 0 0	7.40	M2				-16 5351		-2	0.6	-20566
-20567	0 1 0 0 1 0 0 1 0 0										-20567
-20568	0 1 0 0 1 1 0 0 0 0	8.50	NB				-16 5360	AQ SGR	-2	0.0	-20568
-20569	0 1 0 0 1 0 0 1 0 0	6.67	K5			27026	-24 15421		-2	0.4	-20569
-20570	0 2 0 0 1 1 0 1 0 0	7.90	M1				-22 14107		0	-0.1	-20570
-20571	0 1 0 0 1 1 0 0 0 0	5.45	K2	III	7476	27214	-16 5399		-1	-0.2	-20571
-20572	0 1 0 0 1 0 0 0 0 0	5.06	K1	III	7515	27349	-20 5698		-3	-0.1	-20572
-20573	0 1 0 0 2 1 0 0 0 0	8.40	M2				-16 5433		0	0.1	-20573
-20574	0 1 0 0 1 0 0 0 0 0	7.06	M0			27364	-17 5746		0	0.7	-20574
-20575	0 1 0 0 1 1 0 0 0 0	8.60	M0				-16 5440		2	0.6	-20575
-20576	0 1 0 0 2 1 0 0 0 0	7.79	K2			27485	-19 5628		0	0.1	-20576
-20577	0 1 0 0 3 1 0 0 0 0										-20577
-20578	0 1 0 0 1 2 0 0 0 0										-20578
-20579	0 2 0 0 0 1 0 0 0 0										-20579
-20580	0 1 0 0 2 1 0 1 0 0										-20580
-20581	0 1 0 0 1 0 0 1 0 0										-20581
-20582	0 1 0 0 0 1 0 0 0 0	8.60	M1				-15 5565		-3	-0.7	-20582
-20583	0 1 0 0 0 1 0 0 0 0							TU CAP	3	-0.8	-20583
-20584	0 1 0 0 1 1 0 0 0 0										-20584
-20585	0 1 0 0 0 1 0 0 0 0							RT CAP	-6	-0.1	-20585
-20586	0 1 0 0 0 1 0 0 0 0	8.40	M4				-16 5558	AE CAP	1	-0.2	-20586
-20587	0 2 0 0 1 2 0 0 0 0	5.46	K3	II	7761	28233	-19 5776		0	-0.2	-20587
-20588	0 1 0 0 0 1 0 0 0 0										-20588
-20589	0 1 0 0 1 1 0 1 0 0	6.16	M1	G	7825	28496	-22 5442		1	-0.1	-20589
-20590	0 1 0 0 0 1 0 0 0 0							RU CAP	4	-0.1	-20590
-20591	0 1 0 0 1 0 0 1 0 0	8.10	M2				-23 16334		0	0.2	-20591
-20592	0 1 0 0 1 1 0 0 0 0	5.10	M2	III	7900	28777	-18 5738		1	-0.4	-20592
-20593	0 1 0 0 1 3 0 0 0 0	8.90	M3				-19 5909		-1	0.1	-20593
-20594	0 2 0 0 1 1 0 0 0 0	6.37	K3	G	7964	29023	-18 5783		-2	0.2	-20594
-20595	0 1 0 0 1 1 0 0 0 0	5.91	K0	G	8000	29164	-18 5805		3	-0.3	-20595
-20596	0 1 0 0 1 2 0 0 0 0	8.50	M6				-17 6181	RS CAP	1	-0.1	-20596
-20597	0 0 1 0 0 1 0 0 0 0	5.35	G9	G	8127	29722	-21 5974		0	-0.1	-20597
-20598	0 1 0 0 0 2 0 0 0 0	5.28	M3	G	8128	29727	-15 5935		-3	0.5	-20598
-20599	0 1 0 0 1 2 0 0 0 0	4.28	G8	III	8167	29903	-17 6245		-2	0.0	-20599
-20600	0 1 0 0 1 0 0 0 0 0	5.60	M1	G	8172	29923	-23 16877		1	0.1	-20600

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NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-20601	21 21 17	-21 4.0	2	0.56	0.3	4.7	2.77	0.09	0.19	4.63	0.06	1.03		1.86	0.11		3	3	-20601
-20602	21 23 52	-22 37.9	2	2.06	0.3	2.1	1.87	0.05	0.19	3.04	0.07	1.22		1.17	0.09		3	3	-20602
-20603	21 24 25	-21 25.4	2	0.75	0.5	0.2	2.45	0.09	0.37	4.77	0.06	0.37		2.32	0.11		3	3	-20603
-20604	21 25 55	-22 1.6	2	2.00	0.3	0.1	2.42	0.08	0.12	3.83	0.08	0.12		1.41	0.11		2	2	-20604
-20605	21 37 21	-16 53.6	2	0.94	0.5	1.3	2.97	0.08	0.84	3.60	0.06	0.19		0.63	0.10		3	3	-20605
-20606	21 39 6	-23 29.6	2	0.12	0.7	0.1	2.98	0.13	0.06	4.86	0.08	0.69		1.88	0.15		2	2	-20606
-20607	21 39 51	-19 5.6	2	10.25	0.3	1.5	2.64	0.07	1.12	4.13	0.07	1.22		1.49	0.10		4	3	-20607
-20608	21 44 16	-16 21.7	1	5.50	0.3	1.2	2.15	0.05	1.75	2.76	0.05	1.69		0.61	0.07		4	3	-20608
-20609	21 48 13	-20 25.1	2	7.87	0.3	0.4	2.80	0.09	0.75	5.78	0.08	0.09		2.98	0.12		3	3	-20609
-20610	21 52 39	-23 31.7	2	12.00	0.5	0.4	2.90	0.09	0.09	6.04	0.07	3.69		3.14	0.11	I	3	2	-20610
-20611	21 52 48	-21 22.9	2	0.12	0.3	0.1	1.73	0.07	0.19	4.78	0.06	0.06		3.05	0.09		2	2	-20611
-20612	21 55 52	-21 25.6	2	0.12	0.5	0.9	1.31	0.06	0.06	4.05	0.09	0.12		2.74	0.11		2	2	-20612
-20613	21 56 4	-15 22.1	2	1.25	0.3	0.2	2.64	0.09	0.37	5.95	0.09	-		3.31	0.13		2	1	-20613
-20614	21 56 45	-18 14.0	2	5.94	0.5	1.6	2.94	0.09	0.63	5.80	0.04	5.94		2.86	0.10		5	5	-20614
-20615	21 59 8	-15 38.5	2	2.87	0.5	0.1	2.60	0.07	0.75	5.84	0.07	0.37		3.24	0.10		2	2	-20615
-20616	22 15 52	-21 4.6	3	-	0.5	-	2.96	0.19	-	5.88	-	-	Q	2.92	-		1	1	-20616
-20617	22 18 49	-21 51.6	2	12.00	0.5	3.2	2.69	0.08	1.41	4.39	0.10	0.06		1.70	0.13		3	2	-20617
-20618	22 20 32	-22 18.5	2	0.19	0.3	1.5	2.18	0.06	1.50	6.19	0.07	14.53		4.01	0.09	I	3	3	-20618
-20619	22 25 7	-22 7.6	2	4.31	0.3	0.2	2.27	0.07	0.09	5.61	0.06	2.16		3.34	0.09		3	3	-20619
-20620	22 40 55	-19 5.6	1	0.94	0.2	1.2	1.51	0.04	0.78	3.59	0.05	0.31		2.08	0.06		5	5	-20620
-20621	22 42 47	-15 51.3	2	1.50	0.5	0.7	2.70	0.08	0.06	5.22	0.06	0.06		2.52	0.10		2	2	-20621
-20622	22 44 55	-19 51.3	2	2.25	0.5	2.3	2.97	0.09	0.37	4.69	0.07	0.37		1.72	0.11		4	4	-20622
-20623	22 51 26	-19 26.0	2	1.56	0.5	0.9	2.81	0.08	1.09	5.19	0.06	0.25		2.38	0.10		5	4	-20623
-20624	22 54 27	-20 36.3	2	2.44	0.5	0.9	2.80	0.08	22.59	7.34	0.15	15.94		4.54	0.17	K,I	3	3	-20624
-20625	23 1 37	-16 17.1	1	6.25	0.3	0.3	2.71	0.07	1.09	6.05	0.05	10.31		3.34	0.09	I	5	5	-20625
-20626	23 2 34	-17 21.0	1	1.25	0.3	1.9	2.95	0.07	0.78	5.04	-	-	Q	2.09	-		5	5	-20626
-20627	23 2 44	-22 46.0	2	3.00	0.3	2.0	2.34	0.08	0.06	5.22	0.07	0.19		2.88	0.11		2	2	-20627
-20628	23 3 58	-24 1.0	2	0.12	0.3	2.0	2.40	0.08	0.06	3.71	0.07	2.56		1.31	0.11		2	2	-20628
-20629	23 6 47	-21 26.5	2	0.56	0.5	0.2	0.93	0.06	0.09	2.70	0.05	3.56		1.77	0.08		3	3	-20629
-20630	23 7 16	-22 43.9	2	3.19	0.7	0.7	2.98	0.09	0.09	4.18	0.07	1.50		1.20	0.11		3	3	-20630
-20631	23 15 51	-19 6.9	2	3.56	0.5	0.2	2.51	0.07	0.09	5.27	0.07	0.09		2.76	0.10		3	3	-20631
-20632	23 16 50	-18 21.6	2	0.50	0.3	11.0	2.34	0.08	1.12	4.80	0.06	0.37		2.46	0.10		4	4	-20632
-20633	23 20 19	-20 22.2	2	0.25	0.3	1.0	1.38	0.05	0.12	3.09	0.07	0.09		1.71	0.09		4	3	-20633
-20634	23 21 47	-17 35.5	2	1.69	0.3	2.4	1.81	0.05	0.09	5.48	0.06	12.94		3.67	0.08	I	3	3	-20634
-20635	23 23 26	-20 55.0	1	3.75	0.2	0.3	0.95	0.04	1.09	3.12	0.06	0.12		2.17	0.07		5	4	-20635
-20636	23 32 11	-15 31.7	2	0.19	0.3	3.0	2.87	0.09	0.09	4.91	0.05	4.50		2.04	0.10		3	3	-20636
-20637	23 38 33	-24 26.1	2	6.25	0.3	4.0	2.50	0.08	3.25	5.13	0.05	0.87		2.63	0.09		4	4	-20637
-20638	23 38 57	-18 18.1	2	1.50	0.3	0.9	1.59	0.06	0.28	4.03	0.08	0.19		2.44	0.10		3	3	-20638
-20639	23 39 9	-20 1.9	2	0.37	0.3	0.2	2.66	0.08	0.19	5.74	0.07	0.56		3.08	0.11		3	3	-20639
-20640	23 39 11	-18 6.4	2	2.00	1.0	0.1	2.98	0.13	0.06	4.27	0.10	0.81		1.29	0.16		2	2	-20640
-20641	23 39 49	-15 43.0	2	0.12	0.5	0.1	2.31	0.09	0.19	4.18	0.10	0.06		1.87	0.13		2	2	-20641
-20642	23 41 12	-15 34.1	2	1.50	0.3	0.4	-1.22	0.04	12.94	3.59	0.08	10.69		4.81	0.09	K,I	3	2	-20642
-20643	23 50 11	-16 39.0	2	4.69	0.3	1.3	2.51	0.08	0.66	5.53	0.07	0.87		3.02	0.11		3	2	-20643
-20644	23 53 32	-22 16.2	1	3.94	0.3	1.7	2.94	0.08	1.09	5.65	0.04	3.28		2.71	0.09		7	7	-20644

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM	VAR	DA S	DD M	NO.
-20601	0 0 1 0 0 2 0 0 0 0	5.77	K2	G	8183	29953	-21 6007		-3	-0.1	-20601
-20602	0 1 0 0 1 1 0 0 0 0	3.73	G4	II	8204	30020	-22 15388		3	-0.1	-20602
-20603	0 1 0 0 0 2 0 0 0 0	5.79	K5	III	8207	30027	-21 6020		0	-0.6	-20603
-20604	0 1 0 0 0 1 0 0 0 0	4.49	G5	G	8213	30059	-22 5692		2	-0.1	-20604
-20605	0 1 0 0 1 1 0 0 0 0	3.66	A		8278	30320	-17 6340		1	-0.3	-20605
-20606	0 1 0 0 1 0 0 0 0 0	5.32	G9	G	8285	30365	-23 17057		-5	-0.2	-20606
-20607	0 0 1 0 1 2 0 0 0 0	4.72	G8	III	8288	30382	-19 6152		-2	0.1	-20607
-20608	0 1 0 0 1 2 0 0 0 0	2.83	A		8322	30491	-16 5943	DEL CAP	-2	-0.4	-20608
-20609	0 0 2 0 0 1 0 0 0 0	8.70	M2				-20 6302		4	0.3	-20609
-20610	0 2 0 0 1 0 0 0 0 0	8.40	M4				-23 17167		0	-0.1	-20610
-20611	0 1 0 0 0 1 0 0 0 0	7.70	M3				-21 5120		-3	-0.2	-20611
-20612	0 1 0 0 0 1 0 0 0 0	6.12	M4	G	8378	30746	-21 6131		-5	-0.3	-20612
-20613	0 1 0 0 0 1 0 0 0 0	8.80	M4				-15 6107		-3	0.0	-20613
-20614	0 2 0 0 1 2 0 0 0 0	8.10	M3				-18 6047		2	0.1	-20614
-20615	0 1 0 0 0 1 0 0 0 0	8.70	M4				-16 6001		-2	-0.1	-20615
-20616	0 0 1 0 0 0 0 0 0 0										-20616
-20617	0 2 0 0 0 1 0 0 0 0	5.13	K2	III	8516	31247	-22 5897		-2	-0.7	-20617
-20618	0 1 0 0 1 1 0 0 0 0	9.20	M5				-22 15868	RT AQR	4	0.1	-20618
-20619	0 1 0 0 1 1 0 0 0 0	8.30	M3				-22 15905		1	-0.1	-20619
-20620	0 0 2 0 1 2 0 0 0 0	4.71	K4	III	8649	31708	-19 6324		0	-0.1	-20620
-20621	0 1 0 0 0 1 0 0 0 0	7.50	K5				-16 6149		-1	-0.5	-20621
-20622	0 0 3 0 0 1 0 0 0 0	5.26	G7	III	8670	31794	-20 6486		3	1.2	-20622
-20623	0 0 3 0 0 2 0 0 0 0	6.56	K5			31929	-19 6357		1	0.5	-20623
-20624	0 0 2 0 0 1 0 0 0 0	8.00	M4E			31992	-21 6330	S AQR	1	0.4	-20624
-20625	0 1 1 0 1 2 0 0 0 0	9.00	M2				-16 6201		-2	-0.4	-20625
-20626	0 1 1 0 1 2 0 0 0 0	6.34	K0		8783	32154	-17 6661		-1	-0.1	-20626
-20627	0 1 0 0 1 0 0 0 0 0	7.20	M3				-23 17733		-2	-0.6	-20627
-20628	0 1 0 0 1 0 0 0 0 0	4.47	G9	G	8789	32182	-24 17497		-3	-0.2	-20628
-20629	0 1 0 0 0 2 0 0 0 0	3.68	K0	III	8812	32246	-21 6368		0	0.1	-20629
-20630	0 2 0 0 1 0 0 0 0 0	4.70	G2	D	8817	32262	-23 17771		0	-0.1	-20630
-20631	0 0 2 0 0 1 0 0 0 0	6.97	K5			32444	-19 6433		-1	0.0	-20631
-20632	0 0 3 0 0 1 0 0 0 0	6.08	K3	G	8869	32467	-18 6283		3	-0.7	-20632
-20633	0 0 2 0 0 2 0 0 0 0	3.95	K0	III	8892	32540	-20 6587		-3	0.2	-20633
-20634	0 0 2 0 0 1 0 0 0 0	8.80	M4				-18 6299	RU AQR	-1	0.1	-20634
-20635	0 0 3 0 0 2 0 0 0 0	4.40	K5	III	8906	32594	-21 6420		0	0.0	-20635
-20636	0 1 1 0 0 1 0 0 0 0	6.15	K0		8946	32781	-16 6314		-3	-0.5	-20636
-20637	0 1 1 0 0 2 0 0 0 0	6.58	M1	G	8978	32897	-24 17796		2	0.1	-20637
-20638	0 0 2 0 0 1 0 0 0 0	5.60	K5	G	8980	32908	-18 6357		-2	0.1	-20638
-20639	0 0 2 0 0 1 0 0 0 0										-20639
-20640	0 0 1 0 0 1 0 0 0 0	4.80	G0	II	8982	32911	-18 6358		0	-0.7	-20640
-20641	0 0 1 0 0 1 0 0 0 0	5.26	K4	III	8987	32925	-16 6345		-3	0.5	-20641
-20642	0 1 1 0 0 1 0 0 0 0	5.80	M7	G	8992	32948	-16 6352	R AQR	-2	-0.4	-20642
-20643	0 0 1 0 0 2 0 0 0 0	8.10	M2				-17 6836		3	0.2	-20643
-20644	0 1 1 0 1 4 0 0 0 0	7.36	M0			33196	-22 6225		-2	0.0	-20644

NO.	K MAG	K ER	I MAG	I ER	DAY 243
-20014	2.61	0.35	5.73	0.22	9030
-20014	2.40	0.12	5.38	0.24	9387
-20014	2.51	0.12	5.19	0.09	9435
-20015	2.73	0.16	6.92	0.24	9030
-20015	3.25	0.22	7.70	0.28	9387
-20015	3.36	0.22	6.68	0.16	9435
-20019	2.32	0.12	5.80	0.10	9054
-20019	2.83	0.18	6.83	0.16	9387
-20019	2.46	0.11	6.03	0.11	9435
-20022	2.89	0.20	5.37	0.09	9054
-20022	2.95	0.16	5.80	0.10	9435
-20025	2.89	0.15	5.15	0.09	9054
-20025	2.95	0.16	5.49	0.09	9435
-20025	3.02	0.15	5.43	0.09	9435
-20043	-0.13	0.06	4.75	0.08	9054
-20043	0.23	0.10	5.20	0.09	9435
-20043	0.28	0.08	6.17	0.10	9507
-20045	2.76	0.21	5.29	0.09	8804
-20045	2.70	0.15	5.33	0.09	9099
-20045	2.97	0.15	5.74	0.09	9507
-20046	2.37	0.16	4.97	0.09	8804
-20046	2.49	0.12	5.08	0.08	9099
-20046	2.53	0.10	5.47	0.08	9507
-20047	2.38	0.34	5.74	0.10	9059
-20047	2.48	0.35	5.67	0.10	9062
-20047	2.51	0.14	6.66	0.14	9386
-20047	2.41	0.13	6.80	0.16	9392
-20047	2.98	0.23	5.90	0.11	9487
-20049	-0.68	0.09	3.62	0.12	9054
-20049	-0.60	0.08	4.08	0.10	9507
-20051	2.78	0.18	5.34	0.09	9054
-20051	2.77	0.14	5.60	0.09	9507
-20052	1.15	0.09	6.06	0.22	9030
-20052	1.56	0.08	5.41	0.09	9435
-20054	2.54	0.14	7.22	0.27	9030
-20054	2.96	0.15	7.19	0.22	9435
-20056	2.45	0.13	6.43	0.14	9062
-20056	2.36	0.10	6.14	0.11	9386
-20056	2.25	0.11	6.20	0.12	9392
-20056	2.30	0.13	5.93	0.12	9487
-20062	2.35	0.13	6.41	0.12	8811
-20062	3.78	0.54	7.51	0.30	9062
-20062	3.31	0.28	7.23	0.27	9487
-20066	0.21	0.09	4.89	0.08	8811
-20066	0.26	0.08	5.77	0.10	9062
-20066	0.45	0.08	5.06	0.08	9518
-20066	0.26	0.20	4.96	0.11	9518
-20075	3.03	0.22	5.78	0.10	9054
-20075	2.77	0.14	6.15	0.12	9435
-20077	1.92	0.10	7.40	0.21	8811
-20077	1.58	0.09	6.32	0.13	9062
-20077	1.76	0.10	6.38	0.15	9487
-20094	2.43	0.13	6.75	0.14	8811
-20094	2.29	0.15	6.50	0.15	9062
-20094	2.22	0.14	6.32	0.13	9062
-20094	2.33	0.13	6.22	0.14	9487
-20101	2.05	0.09	6.30	0.11	8811
-20101	2.56	0.14	6.85	0.18	9062
-20101	2.99	0.27	6.51	0.16	9487
-20101	2.68	0.11	6.51	0.12	9518
-20101	2.60	0.10	6.77	0.13	9528
-20110	2.67	0.16	7.77	0.32	8821
-20110	2.42	0.10	6.57	0.15	9435
-20114	0.85	0.09	4.78	0.08	8811
-20114	0.72	0.09	4.54	0.08	9062
-20114	0.82	0.08	4.46	0.08	9487
-20119	1.67	0.13	5.03	0.13	8807
-20119	1.67	0.08	5.43	0.09	9059
-20119	1.66	0.10	5.14	0.09	9487
-20122	1.80	0.08	6.28	-	Q 9128
-20122	1.93	0.13	6.94	0.18	9435
-20122	1.95	0.08	7.68	0.22	9507
-20133	2.11	0.13	7.48	0.26	8821
-20133	2.13	0.29	-	-	8821
-20133	1.32	0.08	5.08	-	Q 9528
-20134	2.18	0.13	8.17	0.37	8811
-20134	2.49	0.13	8.20	-	Q 9178
-20134	1.48	0.10	6.10	0.13	9487
-20136	2.67	0.18	6.24	0.13	9128
-20136	2.57	0.14	6.28	0.14	9128
-20136	2.69	0.10	6.60	0.11	9507
-20171	1.61	0.08	5.14	0.09	9128
-20171	1.69	0.08	5.90	0.25	9495
-20185	1.99	0.09	6.59	0.16	9128
-20185	2.13	0.08	7.06	0.14	9507
-20188	3.12	0.18	9.83	-	Q 9178
-20188	2.00	0.12	7.93	0.45	9487
-20188	1.82	0.41	7.60	-	Q 9955
-20218	-0.24	0.13	4.50	0.16	8821
-20218	-0.34	0.09	-	-	9178
-20218	-0.80	0.11	4.00	0.10	9528
-20225	0.56	0.06	3.85	0.13	9178
-20225	0.55	0.16	-	-	9487
-20225	0.58	0.08	4.17	0.10	9528
-20237	1.79	0.12	5.29	-	Q 8821
-20237	1.62	0.21	-	-	9528
-20237	1.39	0.10	4.57	-	Q 9629
-20237	1.29	0.08	-	-	9629
-20242	2.06	0.07	8.53	-	Q 8891
-20242	2.67	0.13	7.79	0.29	9629
-20257	2.93	0.19	6.20	0.14	8821
-20257	2.84	0.15	5.91	0.10	9270
-20257	2.58	0.19	6.08	0.11	9272
-20257	2.85	0.15	6.37	0.11	9528
-20257	2.64	0.10	6.09	0.10	9629
-20272	2.25	0.13	5.48	0.17	8922
-20272	2.25	0.11	6.10	0.11	9273
-20272	2.19	0.09	6.07	0.11	9630
-20274	2.51	0.13	6.32	0.12	8917
-20274	3.57	0.30	8.76	0.68	9178
-20274	2.95	0.37	7.24	0.21	9272
-20286	-0.34	0.09	4.45	-	Q 8917
-20286	-0.40	0.07	4.44	-	Q 8917
-20286	-0.33	0.08	3.87	0.20	9273
-20286	-0.10	0.08	5.12	0.20	9630
-20333	3.33	0.38	7.96	0.33	8935
-20333	3.03	0.22	7.36	0.22	9270
-20333	2.79	0.16	7.34	0.22	9272
-20333	2.83	0.16	6.48	0.11	9320
-20343	3.43	0.17	7.57	0.28	8917
-20343	2.86	0.19	7.69	0.29	9272

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-20347	0.70	0.06	4.73	0.08		8891
-20347	1.06	0.12	6.36	0.26		9269
-20347	1.05	0.38	6.18	0.45		9270
-20347	1.07	0.23	-	-		9320
-20377	2.13	0.07	6.64	0.12		8891
-20377	2.46	0.08	7.98	0.25		8968
-20377	2.24	0.10	7.50	0.25		9270
-20377	2.43	0.09	8.33	0.38		9320
-20377	2.44	0.14	10.15	-	Q	9320
-20383	2.80	0.12	8.09	0.33		8891
-20383	3.26	0.16	7.53	0.18		8968
-20383	3.36	0.42	8.76	0.67		9269
-20384	2.66	0.10	4.87	0.08		8917
-20384	2.65	0.16	4.64	0.08		9272
-20384	2.52	0.12	4.92	-	Q	9273
-20384	2.62	0.11	4.97	0.09		9701
-20392	2.12	0.09	6.54	0.12		8917
-20392	2.12	0.13	6.00	0.10		9272
-20392	2.10	0.12	6.21	0.12		9273
-20392	2.27	0.10	6.57	0.15		9701
-20396	2.68	0.33	6.88	0.14		8891
-20396	2.48	0.11	6.70	0.11		8968
-20396	2.62	0.13	7.20	0.17		9320
-20403	2.20	0.12	-	-		9272
-20403	1.72	0.09	6.09	0.10		9320
-20411	2.24	0.10	6.30	0.11		8917
-20411	2.30	0.12	6.49	-	Q	9273
-20411	2.34	0.11	6.65	0.16		9701
-20424	0.62	0.09	7.15	0.20		8935
-20424	1.05	0.09	7.27	0.22		9272
-20431	-0.38	0.06	3.80	0.11		8917
-20431	-0.26	0.08	4.50	0.11		9272
-20431	-0.41	0.11	4.50	0.08		9273
-20431	-0.59	0.10	4.22	0.13		9701
-20432	2.83	0.15	7.50	0.30		8917
-20432	2.37	0.15	7.21	-	Q	9273
-20432	2.40	0.13	7.64	0.44		9701
-20436	3.21	0.18	8.56	0.46		8891
-20436	3.05	0.15	8.63	0.41		8968
-20436	3.01	0.14	8.72	0.44		8968
-20436	2.59	0.13	9.07	0.69		9320

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-20484	2.85	0.10	8.13	0.28		8968
-20484	2.38	0.10	8.05	0.33		9320
-20488	2.68	0.11	6.18	0.09		8968
-20488	2.47	0.11	6.81	0.14		9320
-20489	2.70	0.13	7.29	0.21		8935
-20489	3.02	0.22	6.46	0.13		9272
-20491	3.47	0.22	8.60	0.63		8922
-20491	3.38	0.17	8.51	0.48		9345
-20491	3.13	0.22	7.81	0.36		9701
-20491	2.87	0.13	7.62	0.30		9701
-20498	3.37	0.21	5.01	0.08		8917
-20498	2.84	0.15	5.79	-	Q	9701
-20505	2.01	0.18	-	-		8891
-20505	1.88	0.09	4.93	0.08		8940
-20505	2.01	0.14	5.24	0.25		9269
-20505	1.93	0.09	5.25	0.09		9373
-20506	3.11	0.20	7.51	0.21		8891
-20506	2.45	0.12	7.43	0.17		8968
-20506	2.99	0.19	7.26	0.31		9269
-20506	2.61	0.11	7.48	0.22		9373
-20508	2.20	0.07	5.49	0.08		8968
-20508	2.29	0.11	5.82	0.09		9320
-20524	1.68	0.06	7.62	0.23		8917
-20524	1.93	0.10	8.03	0.38		9272
-20535	2.61	0.16	7.40	0.22		8935
-20535	2.44	0.17	6.76	0.16		9272
-20535	2.68	0.13	7.13	0.16		9320
-20536	1.51	0.06	2.99	0.09		8917
-20536	1.38	0.09	*	-		9272
-20538	1.72	0.06	7.44	0.17		8968
-20538	1.09	0.08	6.69	0.13		9320
-20540	1.81	0.07	8.28	0.38		8917
-20540	2.18	0.11	8.01	0.37		9272
-20540	2.32	0.34	8.14	0.42		9273
-20540	2.14	0.10	8.75	0.56		9345
-20540	2.79	0.15	8.09	0.44		9701
-20542	2.38	0.33	2.83	0.09		8917
-20542	1.76	0.11	2.46	0.12		8935
-20542	1.75	0.11	*	-		9272

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-20548	1.27	0.07	4.84	0.08		8968
-20548	1.57	0.08	4.98	0.08		9320
-20549	2.44	0.34	8.84	-	Q	8935
-20549	2.40	0.15	6.95	0.18		8935
-20549	2.28	0.13	5.57	0.09		9272
-20549	1.95	0.10	4.93	0.08		9320
-20555	1.69	0.10	7.37	0.22		8935
-20555	1.73	0.08	5.76	0.10		9272
-20557	2.58	0.16	6.08	0.13		8935
-20557	2.75	0.11	6.48	0.12		9320
-20569	2.68	0.16	4.84	0.08		8975
-20569	2.68	0.12	5.23	0.08		9345
-20569	2.49	0.11	5.13	0.09		9701
-20583	2.90	0.10	6.54	0.11		8968
-20583	2.87	0.13	6.19	0.11		9373
-20590	2.56	0.11	7.25	0.19		8975
-20590	3.11	0.16	8.06	0.37		9379
-20591	2.37	0.12	5.51	0.09		8975
-20591	2.49	0.12	5.74	0.09		9345
-20591	2.45	0.13	5.82	0.10		9701
-20598	0.47	0.14	2.94	0.08		8968
-20598	0.53	0.08	3.28	0.09		9373
-20598	0.56	0.08	3.23	0.09		9373
-20610	2.90	0.16	5.86	0.10		8975
-20610	2.94	0.15	-	-		8975
-20610	2.86	0.13	6.16	0.10		9345
-20618	2.25	0.09	6.21	0.11		8975
-20618	2.05	0.12	5.84	0.09		9345
-20618	2.16	0.09	6.45	0.12		9379
-20624	2.49	0.12	6.73	0.16		9019
-20624	2.42	0.11	6.95	0.24		9030
-20624	3.31	0.18	8.23	0.42		9379
-20625	2.72	0.12	6.06	0.09		8968
-20625	2.64	0.13	5.85	0.10		9054
-20625	2.60	0.16	5.85	0.09		9320
-20625	2.79	0.16	6.13	0.10		9373
-20625	2.81	0.21	6.25	0.11		9387
-20634	1.82	0.10	5.31	0.09		9054
-20634	1.80	0.08	5.26	0.09		9054
-20634	1.82	0.08	5.70	0.09		9387

NO.	K MAG	K ER	I MAG	I ER		DAY 243	NO.	K MAG	K ER	I MAG	I ER	DAY 243	NO.	K MAG	K ER	I MAG	I ER	DAY 243
-20642	-1.55	0.22	2.76	-	Q	8968												
-20642	-1.09	0.06	3.86	0.13		9054												
-20642	-1.41	0.06	3.32	0.09		9373												

NO.	REMARKS
-20070	DOUBLE STAR (S.A.O. SEARCH)
-20078	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-20104	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-20144	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-20175	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-20237	MORE THAN ONE STAR, UNRESOLVED
-20238	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-20271	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-20275	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-20305	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-20323	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-20345	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K MAG (S.A.O. SEARCH)
-20353	DOUBLE STAR (S.A.O. SEARCH)
-20423	MORF THAN ONE STAR, UNRESOLVED
-20435	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-20447	I.C. SEARCH ALSO SHOWS DM -16 4756, V= 9.2, TYPE B, DA= 2S, DD= 1.7M
-20466	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)

Declination Zone

-15 to -5 degrees

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-10001	0 1 54	-10 47.4	2	0.12	0.5	0.2	1.51	0.08	0.06	3.72	0.08	1.19		2.21	0.11		2	2	-10001
-10002	0 2 41	-5 59.4	2	5.81	0.3	0.4	2.22	0.07	0.66	3.83	0.07	0.09		1.61	0.10		3	3	-10002
-10003	0 3 43	-11 3.4	2	0.63	0.3	0.1	2.33	0.07	0.19	5.30	0.07	0.63		2.97	0.10		2	2	-10003
-10004	0 10 13	-11 18.0	2	5.50	0.5	0.1	2.41	0.08	0.06	6.05	0.08	0.63		3.64	0.11		2	2	-10004
-10005	0 11 55	-8 3.5	1	4.00	0.3	1.0	0.55	0.04	0.50	3.13	0.05	1.25		2.58	0.06		4	4	-10005
-10006	0 16 55	-9 6.0	1	1.25	0.3	0.2	0.94	0.04	1.12	2.58	0.05	3.12		1.64	0.06		4	4	-10006
-10007	0 21 32	-9 37.4	1	3.75	0.3	6.8	3.36	0.09	11.25	6.50	0.06	48.00		3.14	0.11	K,I	6	6	-10007
-10008	0 22 1	-10 10.4	1	2.62	0.3	2.3	2.77	0.07	1.69	6.82	0.07	6.37		4.05	0.10		6	6	-10008
-10009	0 24 35	-6 52.9	2	4.69	0.3	0.2	0.25	0.06	1.78	4.75	0.07	6.94		4.50	0.09	I	3	2	-10009
-10010	0 25 32	-11 56.4	2	1.00	0.3	3.3	-0.29	0.06	0.12	3.47	0.07	0.31		3.76	0.09		2	2	-10010
-10011	0 39 28	-9 55.1	2	2.25	0.3	1.0	2.31	0.06	1.87	5.73	0.06	3.62		3.42	0.08		4	4	-10011
-10012	0 41 43	-10 52.6	2	0.50	0.3	0.1	2.51	0.08	0.37	4.02	0.09	0.06		1.51	0.12		2	2	-10012
-10013	0 46 57	-13 50.5	2	0.12	0.5	1.1	2.69	0.09	0.06	4.65	0.12	0.37		1.96	0.15		2	2	-10013
-10014	0 53 11	-7 37.3	1	11.00	0.2	3.5	2.30	0.04	1.00	4.61	0.04	4.25		2.31	0.06		8	8	-10014
-10015	0 53 29	-11 32.3	2	0.12	0.3	0.1	1.75	0.06	0.12	4.02	0.09	0.12		2.27	0.11		2	2	-10015
-10016	0 58 1	-12 27.5	2	0.63	0.5	0.1	2.12	0.08	0.25	5.26	0.09	0.06		3.14	0.12		2	2	-10016
-10017	1 0 32	-5 6.5	2	4.50	0.5	1.7	2.67	0.08	0.75	4.63	0.06	0.66		1.96	0.10		3	3	-10017
-10018	1 6 5	-10 26.9	1	4.37	0.2	1.7	0.86	0.03	0.87	2.51	0.04	4.50		1.65	0.05		7	6	-10018
-10019	1 8 46	-13 46.3	2	0.63	0.3	0.4	1.58	0.07	0.06	4.75	0.08	0.50		3.17	0.11		2	2	-10019
-10020	1 19 59	-5 12.1	2	5.25	0.5	0.2	2.55	0.07	0.63	6.33	0.08	1.31		3.78	0.11		4	3	-10020
-10021	1 21 30	-8 26.5	1	6.00	0.2	1.5	1.20	0.04	1.12	2.74	0.05	3.19		1.54	0.06		6	6	-10021
-10022	1 23 12	-14 51.6	2	0.37	0.3	0.1	2.04	0.06	0.56	4.12	0.10	0.44		2.08	0.12		2	2	-10022
-10023	1 41 24	-5 0.5	2	1.56	0.3	3.8	2.51	0.07	0.63	4.93	0.04	3.87		2.42	0.08		5	4	-10023
-10024	1 43 28	-5 58.9	1	1.25	0.3	2.0	1.79	0.05	0.37	4.06	0.06	1.87		2.27	0.08		4	4	-10024
-10025	1 47 24	-5 6.3	1	0.25	0.3	2.5	1.69	0.04	0.75	5.22	0.05	1.50		3.53	0.06		4	4	-10025
-10026	1 47 50	-13 8.0	2	2.25	0.3	0.2	2.42	0.08	0.09	5.60	0.28	-		3.18	0.29		3	1	-10026
-10027	1 49 1	-10 35.0	1	4.12	0.2	0.7	1.20	0.04	0.56	2.79	0.04	9.19		1.59	0.06	I	6	6	-10027
-10028	1 55 58	-7 19.0	1	6.56	0.2	3.1	2.07	0.04	2.19	4.82	0.04	1.53		2.75	0.06		7	7	-10028
-10029	1 57 4	-14 7.0	1	0.19	0.3	0.2	1.81	0.05	0.09	4.64	0.07	0.09		2.83	0.09		3	3	-10029
-10030	1 57 57	-8 45.9	1	5.00	0.2	2.2	-0.46	0.04	5.47	2.62	0.04	1.09		3.08	0.06		5	5	-10030
-10031	2 1 46	-12 5.9	2	3.19	0.5	0.9	2.57	0.08	0.28	5.01	0.05	7.12		2.44	0.09	I	3	3	-10031
-10032	2 3 37	-10 27.0	1	3.50	0.2	0.4	0.99	0.04	1.97	4.92	0.14	0.87		3.93	0.15		7	4	-10032
-10033	2 15 44	-14 21.6	2	6.12	0.3	0.1	1.59	0.06	0.37	4.96	0.06	0.19		3.37	0.08		2	2	-10033
-10034	2 20 15	-10 25.7	2	3.12	0.3	2.2	2.71	0.07	0.63	5.99	0.05	9.06		3.28	0.09	I	5	5	-10034
-10035R	2 31 18	-13 22.1	2	1.00	0.3	0.2	2.95	0.09	11.50	6.71	-	-	Q	3.76	-	K	4	4	-10035
-10036	2 32 14	-8 4.5	1	4.50	0.3	1.2	2.54	0.06	0.12	4.66	0.04	1.87		2.12	0.07		4	4	-10036
-10037R	2 33 31	-8 2.8	1	4.25	0.3	0.2	1.28	0.04	0.75	3.77	-	-	Q	2.49	-		4	4	-10037
-10038	2 41 38	-6 37.0	2	0.12	0.3	0.2	2.17	0.08	0.06	5.31	-	-	Q	3.14	-		2	2	-10038
-10039	2 43 2	-14 11.9	2	4.50	0.5	0.7	2.95	0.11	0.47	6.19	0.06	0.28		3.24	0.13		3	3	-10039
-10040	2 45 32	-12 39.9	2	1.25	0.5	0.2	0.36	0.07	0.06	3.57	0.07	1.50		3.21	0.10		2	2	-10040
-10041	2 49 49	-8 28.0	1	0.37	0.3	0.2	0.56	0.06	0.94	3.87	0.07	0.66		3.31	0.09		3	3	-10041
-10042	2 53 42	-6 13.6	2	0.37	0.5	0.1	2.36	0.09	0.06	7.11	0.14	0.31		4.75	0.17		2	2	-10042
-10043	2 54 0	-9 5.8	1	0.50	0.3	0.2	1.38	0.05	1.37	2.95	0.06	0.28		1.57	0.08		4	3	-10043
-10044	3 1 25	-14 24.6	2	2.44	0.5	2.6	2.70	0.08	0.47	6.33	0.06	1.03		3.63	0.10		3	3	-10044
-10045	3 4 1	-6 16.5	2	0.87	0.3	0.2	0.52	0.06	0.06	3.21	0.07	0.31		2.69	0.09		2	2	-10045
-10046	3 13 48	-5 55.4	2	0.12	0.5	2.0	2.41	0.09	0.06	4.93	0.08	-		2.52	0.12		2	1	-10046
-10047	3 22 47	-12 31.4	2	4.50	0.5	0.1	2.91	0.10	0.06	6.26	0.08	2.06		3.35	0.13		2	2	-10047
-10048	3 30 34	-9 37.6	1	2.81	0.3	0.6	1.62	0.06	0.94	2.97	0.06	0.19		1.35	0.08		3	3	-10048
-10049	3 38 56	-10 55.0	2	1.25	0.5	0.1	2.13	0.08	0.25	5.65	0.07	10.44		3.52	0.11	I	2	2	-10049
-10050	3 40 52	-9 55.4	2	12.75	0.3	0.5	1.40	0.06	2.00	2.74	0.07	2.31		1.34	0.09		4	2	-10050

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
-10001	0 1 0 0 0 1 0 0 0 0	5.16	K3	II	9103	36	-11	6194		-3	-0.1	-10001
-10002	0 1 0 0 1 0 0 1 0 0	4.62	K1	III	3	59	-06	6357		-6	-0.1	-10002
-10003	0 1 0 0 0 1 0 0 0 0	7.10	M1				-11	6199		0	0.0	-10003
-10004	0 1 0 0 0 1 0 0 0 0											-10004
-10005	0 1 0 0 0 3 0 0 0 0	5.12	M3	III	46	265	-08	26		1	0.0	-10005
-10006	0 1 0 0 0 3 0 0 0 0	3.56	K2	III	74	388	-09	48		1	0.1	-10006
-10007	0 1 0 0 0 5 0 0 0 0	7.30	M4E			474	-10	65	S CET	1	-1.1	-10007
-10008	0 1 0 0 0 5 0 0 0 0											-10008
-10009	0 2 0 0 1 0 0 0 0 0	9.10	MA				-07	57	UY CET	1	0.0	-10009
-10010	0 1 0 0 0 1 0 0 0 0	7.54	M3			545	-12	72		3	-0.3	-10010
-10011	0 1 0 0 0 3 0 0 0 0	8.80	M3				-10	136		-2	0.2	-10011
-10012	0 1 0 0 0 1 0 0 0 0	4.75	K0	III	194	875	-11	128		2	0.3	-10012
-10013	0 0 1 0 0 1 0 0 0 0	5.84	K5	G	227	984	-14	145		2	-0.6	-10013
-10014	0 1 1 0 1 5 0 0 0 0	5.85	K5	G	263	1103	-08	167		0	-0.2	-10014
-10015	0 1 0 0 0 1 0 0 0 0	5.30	K4	III	267	1111	-12	162		-3	0.0	-10015
-10016	0 0 1 0 0 1 0 0 0 0	8.30	M3				-12	183		0	0.4	-10016
-10017	0 1 1 0 1 0 0 0 0 0	5.44	K0	III	296	1262	-05	177		1	-0.3	-10017
-10018	0 1 0 0 0 6 0 0 0 0	3.44	K3	III	334	1384	-10	240		1	-0.1	-10018
-10019	0 0 1 0 0 1 0 0 0 0	7.67	M3			1439	-14	225		-3	-0.1	-10019
-10020	0 1 1 0 2 0 0 0 0 0	9.20	M5				-05	249		-5	-0.3	-10020
-10021	0 1 1 0 0 4 0 0 0 0	3.61	K0	III	402	1695	-08	244		-2	0.0	-10021
-10022	0 0 1 0 0 1 0 0 0 0	4.89	K3	III	412	1725	-15	266		2	-0.1	-10022
-10023	0 1 2 0 1 1 0 0 0 0	6.19	K0		507	2113	-05	309		0	0.5	-10023
-10024	0 0 2 0 1 1 0 0 0 0	5.34	K4	G	513	2148	-06	336		-1	0.1	-10024
-10025	0 0 2 0 1 1 0 0 0 0	8.50	MC				-05	323		0	0.2	-10025
-10026	0 0 1 0 0 2 0 0 0 0	7.04	M0			2224	-13	334		1	0.1	-10026
-10027	0 1 0 1 0 4 0 0 0 0	3.72	K2	III	539	2249	-11	359		1	-0.1	-10027
-10028	0 1 2 0 0 4 0 0 0 0	7.04	M0			2380	-07	334		0	0.3	-10028
-10029	0 0 2 0 0 1 0 0 0 0	7.06	M0			2403	-14	371		-2	-0.1	-10029
-10030	0 1 1 0 0 3 0 0 0 0	5.51	M5	G	587	2426	-09	380		-1	0.0	-10030
-10031	0 1 0 1 0 1 0 0 0 0	6.70	K0			2499	-12	382		0	0.1	-10031
-10032	0 1 0 1 0 5 0 0 0 0	8.60	M2				-10	429	UZ CET	-2	0.0	-10032
-10033	0 0 1 0 0 1 0 0 0 0	8.00	M2				-14	423		0	0.2	-10033
-10034	0 1 0 1 0 3 0 0 0 0	8.70	M3				-10	482	TZ CET	-1	0.0	-10034
-10035R	0 0 1 0 0 3 0 0 0 0	6.60	M3E			3072	-13	479	U CET	-2	-0.1	-10035
-10036	0 0 1 0 0 3 0 0 0 0	5.75	K4	G	752	3091	-08	484		-1	0.1	-10036
-10037R	0 0 1 0 0 3 0 0 0 0	5.52	M0	III	759	3126	-08	489		-2	0.1	-10037
-10038	0 0 1 0 0 1 0 0 0 0	8.30	MA				-07	481		-3	0.5	-10038
-10039	0 0 2 0 0 1 0 0 0 0	8.50	M2				-14	524		-3	0.2	-10039
-10040	0 0 1 0 0 1 0 0 0 0	6.40	M4	III	832	3366	-13	530	Z ERI	0	0.2	-10040
-10041	0 0 1 0 0 2 0 0 0 0	8.00	MB				-08	536	RR ERI	1	0.3	-10041
-10042	0 0 1 0 0 1 0 0 0 0											-10042
-10043	0 0 1 1 0 2 0 0 0 0	3.89	K1	III	874	3539	-09	553		1	0.0	-10043
-10044	0 0 1 0 0 1 1 0 0 0								UW ERI	-3	0.6	-10044
-10045	0 0 1 0 0 1 0 0 0 0	5.28	M3	G	935	3718	-06	606		-4	0.3	-10045
-10046	0 0 1 0 0 1 0 0 0 0	6.54	K5			3911	-06	638		-5	-0.6	-10046
-10047	0 0 1 0 0 1 0 0 0 0	8.70	M3				-12	649	VX ERI	0	0.4	-10047
-10048	0 0 0 1 0 2 0 0 0 0	3.73	K2	V	1084	4244	-09	697		-1	0.0	-10048
-10049	0 0 0 1 0 1 0 0 0 0								VY ERI	3	-0.5	-10049
-10050	0 0 0 2 0 2 0 0 0 0	3.55	K0	IV	1136	4450	-10	728		1	0.5	-10050

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-10051	3 43 47	-12 15.1	2	1.31	0.3	0.2	0.35	0.07	0.19	2.83	0.06	2.37		2.48	0.09		3	2	-10051
-10052	3 46 17	-7 9.5	2	4.06	0.3	0.3	0.88	0.06	1.87	4.32	0.07	2.50		3.44	0.09		5	4	-10052
-10053	3 49 31	-12 6.5	2	0.12	0.5	0.2	2.99	0.13	0.06	5.64	0.07	4.25		2.65	0.15	I	2	2	-10053
-10054	3 54 7	-13 44.1	2	1.87	0.3	0.7	1.86	0.06	0.19	4.61	0.09	0.06		2.75	0.11		3	2	-10054
-10055	3 55 40	-13 38.5	1	1.00	0.3	2.3	-0.96	0.04	0.63	*	-	-		-	-		4	0*	-10055
-10056	3 57 7	-12 42.8	2	1.62	0.3	0.1	2.13	0.08	1.00	4.36	0.08	0.06		2.23	0.11		2	2	-10056
-10057	3 57 48	-6 31.0	2	0.75	0.7	0.1	3.00	0.11	0.56	6.21	0.09	0.44		3.21	0.14		2	2	-10057
-10058	4 0 55	-7 3.0	2	2.44	0.5	1.1	2.58	0.08	0.28	5.60	0.07	0.06		3.02	0.11		3	2	-10058
-10059	4 3 32	-10 26.0	2	2.50	0.3	1.0	1.94	0.05	0.25	4.83	0.04	2.25		2.89	0.06		4	4	-10059
-10060	4 4 26	-7 48.6	2	1.50	0.3	0.6	2.20	0.06	0.09	6.26	0.07	4.12		4.06	0.09		3	3	-10060
-10061	4 6 29	-8 14.1	1	0.37	0.3	1.1	1.68	0.05	0.84	5.17	0.06	0.56		3.49	0.08		3	3	-10061
-10062	4 11 8	-10 30.9	1	1.87	0.2	2.2	1.28	0.04	2.34	4.48	0.06	2.97		3.20	0.07		5	5	-10062
-10063	4 12 2	-10 23.1	1	3.12	0.3	2.5	2.22	0.05	1.25	4.22	0.08	1.00		2.00	0.09		5	4	-10063
-10064	4 12 55	-7 44.6	1	1.31	0.3	2.3	2.46	0.06	0.94	3.76	0.07	0.47		1.30	0.09		3	3	-10064
-10065	4 15 23	-10 13.5	1	3.00	0.3	0.7	2.79	0.08	0.50	6.41	0.07	2.75		3.62	0.11		4	4	-10065
-10066	4 20 5	-5 36.9	2	3.75	0.7	0.7	2.67	0.10	1.25	6.31	0.07	2.62		3.64	0.12		4	4	-10066
-10067	4 23 20	-10 2.3	2	3.00	0.5	2.1	2.83	0.08	1.31	5.24	0.06	1.03		2.41	0.10		3	3	-10067
-10068	4 31 0	-10 53.6	2	0.94	0.8	0.6	2.70	0.10	0.09	4.98	0.06	2.44		2.28	0.12		3	3	-10068
-10069	4 31 47	-6 56.3	2	0.25	0.5	0.1	2.87	0.12	0.12	5.58	-	-	Q	2.71	-		2	2	-10069
-10070	4 31 49	-8 20.2	1	4.06	0.3	1.6	0.69	0.04	0.31	3.19	0.06	0.28		2.50	0.07		5	3	-10070
-10071	4 31 49	-9 4.4	2	0.56	0.3	0.6	1.71	0.06	0.19	3.98	0.08	0.19		2.27	0.10		3	3	-10071
-10072	4 33 47	-5 22.0	2	1.31	0.5	0.6	2.09	0.09	1.69	5.87	0.06	1.59		3.78	0.11		3	3	-10072
-10073	4 35 50	-14 24.0	2	1.87	0.3	0.2	1.33	0.05	0.19	3.07	0.06	3.66		1.74	0.08		3	3	-10073
-10074	4 36 57	-14 26.9	2	1.12	0.3	0.2	2.87	0.09	0.28	4.37	0.06	0.28		1.50	0.11		3	3	-10074
-10075	4 38 11	-14 17.4	1	0.56	0.3	0.9	0.50	0.04	3.94	4.91	0.05	5.44		4.41	0.06	I	3	3	-10075
-10076	4 39 25	-8 2.9	1	3.50	0.3	4.0	2.45	0.06	5.75	7.34	0.13	5.25		4.89	0.14		4	4	-10076
-10077	4 42 1	-12 45.5	2	0.19	0.3	0.2	2.00	0.05	0.75	6.00	0.06	1.69		4.00	0.08		3	3	-10077
-10078	4 51 41	-12 32.1	2	0.19	0.5	0.2	2.70	0.07	0.47	5.68	0.06	3.75		2.98	0.09		3	3	-10078
-10079	4 56 1	-6 8.9	3	-	0.5	-	2.90	0.16	-	8.11	0.40	-		5.21	0.43		1	1	-10079
-10080	4 57 22	-14 52.6	1	3.75	0.3	0.2	0.06	0.05	24.00	5.09	0.07	24.00		5.03	0.09	K,I	3	3	-10080
-10081	5 5 20	-5 8.7	2	0.12	0.5	0.5	2.38	0.11	2.19	2.89	0.08	0.06		0.51	0.14		2	2	-10081
-10082	5 5 30	-12 39.3	1	5.50	0.3	4.5	1.90	0.06	3.37	4.59	0.05	0.12		2.69	0.08		4	4	-10082
-10083	5 7 16	-5 34.9	2	1.25	0.3	2.5	2.42	0.09	1.37	6.20	0.09	1.69		3.78	0.13		2	2	-10083
-10084	5 9 2	-11 54.5	2	0.12	0.3	1.1	-1.26	0.06	0.06	*	-	-		-	-		2	0*	-10084
-10085	5 12 7	-8 15.5	1	3.25	0.3	2.0	0.20	0.05	3.87	*	-	-		-	-		4	0*	-10085
-10086	5 19 53	-8 43.1	1	6.56	0.2	4.1	2.07	0.05	1.72	4.76	0.05	0.75		2.69	0.07		5	4	-10086
-10087	5 20 43	-7 4.1	2	0.75	0.7	0.1	2.97	0.13	0.06	6.86	0.13	0.06		3.89	0.18		2	2	-10087
-10088	5 20 54	-9 21.7	2	1.69	0.8	0.7	2.75	0.11	0.28	5.83	0.07	1.22		3.08	0.13		3	3	-10088
-10089	5 21 32	-7 51.3	2	2.00	0.3	1.0	1.93	0.05	0.63	3.40	0.06	0.37		1.47	0.08		4	4	-10089
-10090	5 22 0	-10 23.6	1	1.87	0.3	7.5	2.64	0.07	3.59	6.18	0.08	3.00		3.54	0.11		5	3	-10090
-10091	5 22 8	-6 11.4	2	3.37	0.3	0.2	1.18	0.06	0.84	5.39	0.08	4.41		4.21	0.10		3	3	-10091
-10092	5 22 41	-10 22.4	1	1.25	0.3	3.4	2.05	0.05	3.59	4.30	0.06	2.03		2.25	0.08		5	5	-10092
-10093R	5 32 50	-5 24.7	2	0.37	0.3	3.6	1.58	0.08	1.59	3.30	0.07	0.69		1.72	0.11		3	2	-10093
-10094	5 36 34	-14 4.3	1	1.69	0.3	1.1	0.68	0.04	0.84	5.48	0.07	5.91		4.80	0.08	I	3	3	-10094
-10095	5 37 19	-8 11.4	2	2.75	0.3	3.0	2.70	0.09	6.87	8.42	0.33	0.37		5.72	0.34	K	4	4	-10095
-10096	5 39 26	-8 55.6	2	1.12	0.5	0.9	2.86	0.10	0.09	8.00	0.25	0.19		5.14	0.27		3	3	-10096
-10097	5 44 55	-12 49.4	1	0.75	0.3	1.5	1.52	0.04	1.12	4.69	0.05	2.75		3.17	0.06		4	4	-10097
-10098	5 45 23	-9 40.5	2	5.75	0.3	0.5	2.53	0.07	1.87	2.41	0.05	4.41		-0.12	0.09		4	3	-10098
-10099	5 49 9	-12 47.6	1	1.25	0.3	3.3	2.53	0.06	2.25	6.01	0.06	4.87		3.48	0.08		4	4	-10099
-10100	5 49 22	-10 32.5	1	4.06	0.3	7.2	2.66	0.07	2.50	8.38	0.28	-		5.72	0.29		5	1	-10100

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
-10051	0 0 1 1 0 1 0 0 0 0	4.42	M2	G	1162	4525	-12	707		0	0.3	-10051
-10052	0 0 1 0 0 4 0 0 0 0	7.77	M3			4589	-07	685	BR ERI	-4	0.5	-10052
-10053	0 0 0 1 0 1 0 0 0 0	7.60	MO				-12	737		-3	0.5	-10053
-10054	0 0 2 0 0 0 1 0 0 0	6.70	K5			4748	-14	783		-2	0.4	-10054
-10055	0 0 2 0 0 1 1 0 0 0	2.96	MO	III	1231	4778	-13	781		-2	0.5	-10055
-10056	0 0 1 0 0 1 0 0 0 0	5.90	K5	G	1235	4791	-12	766		-2	0.1	-10056
-10057	0 0 1 0 0 1 0 0 0 0	8.40	MB				-06	799		-4	0.5	-10057
-10058	0 0 2 0 0 1 0 0 0 0	8.20	MA				-07	728		0	0.1	-10058
-10059	0 0 0 1 0 3 0 0 0 0	7.30	M3			4935	-10	834		0	-0.2	-10059
-10060	0 0 1 0 0 2 0 0 0 0								RV ERI	1	-0.3	-10060
-10061	0 0 1 0 0 2 0 0 0 0	8.70	MC				-08	797		-2	-0.2	-10061
-10062	0 0 0 1 0 4 0 0 0 0	7.90	M3				-10	863	BM ERI	1	-0.1	-10062
-10063	0 0 0 1 0 4 0 0 0 0	4.87	K3	III	1318	5114	-10	867		1	-0.4	-10063
-10064	0 0 1 0 0 2 0 0 0 0	4.42	K1	V	1325	5138	-07	780		-4	-0.9	-10064
-10065	0 0 0 1 0 3 0 0 0 0											-10065
-10066	1 0 1 0 0 2 0 0 0 0								RW ERI	-2	0.2	-10066
-10067	0 0 0 1 0 2 0 0 0 0	6.96	K5			5371	-10	917		0	0.1	-10067
-10068	0 0 0 2 0 1 0 0 0 0	6.24	KO		1447	5557	-11	900		0	-0.2	-10068
-10069	0 0 1 0 0 1 0 0 0 0	6.07	K2		1450	5578	-07	841		-1	0.2	-10069
-10070	0 0 1 1 0 3 0 0 0 0	5.11	M3	G	1451	5576	-08	887		1	-0.2	-10070
-10071	0 0 0 1 0 2 0 0 0 0	5.27	K4	III	1452	5577	-09	930		1	-0.1	-10071
-10072	1 0 1 0 0 1 0 0 0 0											-10072
-10073	1 0 1 0 0 0 1 0 0 0	3.86	K2	III	1481	5657	-14	933		-4	0.0	-10073
-10074	1 0 1 0 0 0 1 0 0 0	5.44	K1	IV	1487	5678	-14	936		-5	0.4	-10074
-10075	1 0 1 0 0 0 1 0 0 0								BX ERI	-4	0.4	-10075
-10076	0 0 1 1 0 2 0 0 0 0								VZ ERI	-2	0.4	-10076
-10077	1 0 1 0 0 1 0 0 0 0											-10077
-10078	1 0 1 0 0 1 0 0 0 0	8.20	M3				-12	1020		0	0.5	-10078
-10079	0 0 0 0 0 1 0 0 0 0								UV ERI	-3	0.0	-10079
-10080	1 0 1 0 0 0 1 0 0 0	6.00	C7		1607	6093	-15	915	R LEP	2	0.2	-10080
-10081	1 0 0 0 0 1 0 0 0 0	2.80	A3	III	1666	6274	-05	1162		-3	0.2	-10081
-10082	1 0 1 0 0 2 0 0 0 0	6.69	MO			6277	-12	1080		-1	0.1	-10082
-10083	1 0 0 0 0 1 0 0 0 0	8.70	NB				-05	1174	SY ERI	-5	-0.2	-10083
-10084	0 0 0 1 0 1 0 0 0 0	5.68	M6	G	1693	6358	-12	1092	RX LEP	-1	0.1	-10084
-10085	0 0 0 1 0 3 0 0 0 0	-0.08	B8	II	1713	6410	-08	1063		-1	0.0	-10085
-10086	1 0 0 1 0 3 0 0 0 0	7.02	K5P			6602	-08	1099		-2	-0.3	-10086
-10087	0 0 0 1 0 1 0 0 0 0											-10087
-10088	0 0 0 1 0 2 0 0 0 0	8.40	MA				-09	1139		1	0.5	-10088
-10089	0 0 0 1 0 3 0 0 0 0	4.13	G8	III	1784	6646	-07	1064		-1	-0.1	-10089
-10090	0 0 0 2 0 3 0 0 0 0											-10090
-10091	1 0 0 1 0 1 0 0 0 0	9.10	M8				-06	1167	EX ORI	5	0.1	-10091
-10092	0 0 0 2 0 3 0 0 0 0	5.60	K5	G	1799	6672	-10	1178		0	0.0	-10092
-10093R	1 0 0 0 0 2 0 0 0 0											-10093
-10094	1 0 1 0 0 0 1 0 0 0								RW LEP	-3	-0.6	-10094
-10095	1 0 0 1 0 2 0 0 0 0											-10095
-10096	1 0 0 0 0 2 0 0 0 0											-10096
-10097	1 0 1 0 0 2 0 0 0 0	7.80	M2				-12	1269		-1	-0.1	-10097
-10098	0 0 0 2 0 2 0 0 0 0	2.04	BO	II	2004	7264	-09	1235		0	0.7	-10098
-10099	1 0 1 0 0 2 0 0 0 0	8.80	M1				-12	1291		-2	0.0	-10099
-10100	0 0 0 1 0 4 0 0 0 0											-10100

NO.	RA(1950)			DEC(1950)		RA		DEC		K			I			Q	I-K		CHI-SQ	NK	NI	NO.
	H	M	S	D	M	ER	CHI	ER	CHI	MAG	ER	CHI	MAG	ER	CHI		MAG	ER	EXCESS			
-10101	5	52	23	-11	46.8	1	1.69	0.3	2.6	1.84	0.05	1.50	4.22	0.08	0.28		2.38	0.09		3	3	-10101
-10102	5	54	11	-14	10.4	1	5.31	0.3	0.9	2.94	0.09	3.12	3.65	0.04	3.91		0.71	0.10		5	5	-10102
-10103	5	55	15	-6	5.6	3	1.75	1.0	0.1	2.44	0.12	0.06	5.37	0.07	2.12		2.93	0.14		2	2	-10103
-10104	5	56	43	-10	53.8	2	1.31	0.3	0.4	2.39	0.08	1.31	6.34	0.07	0.84		3.95	0.11		3	3	-10104
-10105	5	59	12	-5	20.6	2	0.63	1.0	0.1	2.80	0.13	0.06	6.70	0.15	-		3.90	0.20		2	1	-10105
-10106	5	59	38	-5	7.9	2	2.00	0.7	0.4	2.64	0.12	0.06	5.24	0.07	2.44		2.60	0.14		2	2	-10106
-10107	6	3	32	-5	52.4	2	0.63	0.7	0.1	2.78	0.13	0.56	5.34	0.07	1.62		2.56	0.15		2	2	-10107
-10108	6	3	50	-7	5.4	2	3.00	0.5	0.2	2.80	0.11	0.09	7.30	0.19	0.06		4.50	0.22		3	2	-10108
-10109	6	3	53	-5	42.8	2	0.12	0.7	0.4	2.80	0.13	2.00	-	-	-		-	-		2	0	-10109
-10110	6	7	20	-14	34.9	2	0.19	0.5	0.4	2.93	0.09	0.09	4.85	0.05	3.56		1.92	0.10		3	3	-10110
-10111	6	8	58	-7	14.0	2	1.75	0.3	0.5	2.15	0.06	1.25	5.32	0.05	2.53		3.17	0.08		4	3	-10111
-10112	6	10	25	-7	17.2	1	1.75	0.3	0.5	2.11	0.05	0.37	5.34	0.05	1.12		3.23	0.07		4	4	-10112
-10113	6	12	25	-6	15.5	2	0.94	0.3	0.2	1.07	0.05	0.37	2.94	0.06	0.06		1.87	0.08		3	2	-10113
-10114	6	16	29	-9	22.4	2	5.44	0.5	0.2	2.58	0.09	0.09	4.45	0.05	1.03		1.87	0.10		3	3	-10114
-10115	6	16	32	-15	0.0	2	0.19	0.3	0.2	1.78	0.05	0.09	4.31	0.07	2.16		2.53	0.09		3	3	-10115
-10116	6	16	55	-9	44.5	1	6.50	0.3	3.0	2.74	0.07	0.50	8.11	0.32	0.19		5.37	0.33		4	2	-10116
-10117	6	16	58	-12	35.4	2	6.56	0.3	3.1	2.38	0.06	1.72	6.44	0.07	5.25		4.06	0.09		5	4	-10117
-10118	6	18	44	-11	48.0	1	2.81	0.3	2.4	2.12	0.06	4.41	4.76	-	-	Q	2.64	-		3	3	-10118
-10119	6	19	19	-8	12.9	1	11.25	0.3	4.8	2.79	0.08	0.37	5.36	0.05	0.09		2.57	0.09		4	3	-10119
-10120	6	21	16	-9	50.6	2	5.62	0.3	1.7	1.50	0.05	0.47	4.28	0.07	0.47		2.78	0.09		3	3	-10120
-10121	6	21	49	-11	30.6	1	4.75	0.3	1.7	2.32	0.06	0.50	4.33	0.05	0.75		2.01	0.08		4	4	-10121
-10122	6	22	41	-9	6.1	2	3.50	0.7	0.2	2.64	0.09	2.12	7.28	0.20	4.44		4.64	0.22	I	4	2	-10122
-10123	6	24	23	-7	53.1	2	5.50	0.5	2.3	2.54	0.08	2.62	6.90	0.11	6.75		4.36	0.14	I	4	3	-10123
-10124	6	26	53	-8	3.9	1	11.87	0.3	2.2	1.64	0.05	1.56	5.25	0.05	4.25		3.61	0.07		5	4	-10124
-10125	6	26	58	-9	53.0	2	1.69	0.7	0.4	2.90	0.12	0.47	6.38	0.08	2.16		3.48	0.14		3	3	-10125
-10126	6	27	50	-10	2.5	2	0.19	0.3	1.9	2.70	0.08	0.19	4.89	0.05	0.94		2.19	0.09		3	3	-10126
-10127	6	29	5	-12	21.4	2	5.00	0.5	2.3	2.35	0.07	1.75	4.28	0.07	0.37		1.93	0.10		4	4	-10127
-10128	6	29	28	-8	7.5	2	4.75	0.5	2.5	2.38	0.08	0.12	4.36	0.05	0.09		1.98	0.09		4	3	-10128
-10129	6	29	29	-14	52.8	2	0.37	0.5	0.2	2.73	0.09	0.75	6.90	0.09	8.44		4.17	0.13	I	3	3	-10129
-10130	6	30	44	-9	56.0	2	2.25	0.3	2.3	2.89	0.11	0.84	7.40	0.17	0.06		4.51	0.20		3	2	-10130
-10131	6	33	23	-5	19.9	2	0.25	0.3	0.1	0.02	0.08	0.06	4.08	0.10	-		4.06	0.13		2	1	-10131
-10132	6	34	28	-13	16.5	1	3.75	0.3	1.5	2.29	0.06	3.25	4.63	0.05	2.12		2.34	0.08		4	4	-10132
-10133	6	34	42	-12	3.0	2	1.50	0.5	0.7	2.89	0.10	2.62	7.40	0.14	1.50		4.51	0.17		4	4	-10133
-10134	6	36	10	-9	16.5	2	0.37	0.5	0.2	2.95	0.12	1.69	5.67	0.06	0.56		2.72	0.13		3	3	-10134
-10135	6	36	57	-14	6.1	2	0.94	0.3	0.4	1.55	0.06	0.94	3.71	0.06	1.22		2.16	0.08		3	3	-10135
-10136	6	37	53	-6	17.9	2	1.00	0.3	0.1	2.03	0.07	0.06	4.86	0.06	0.25		2.83	0.09		2	2	-10136
-10137	6	39	34	-9	7.0	2	1.25	0.3	0.2	1.52	0.06	0.25	3.77	0.07	0.28		2.25	0.09		4	3	-10137
-10138	6	40	18	-14	24.4	2	0.94	0.3	0.7	1.25	0.05	0.84	5.44	0.06	1.87		4.19	0.08		3	3	-10138
-10139	6	45	12	-8	56.6	1	0.19	0.3	0.2	0.66	0.05	0.47	3.20	0.05	1.31		2.54	0.07		3	3	-10139
-10140	6	51	51	-11	58.4	2	0.63	0.3	0.1	0.66	0.05	1.06	2.80	0.07	0.06		2.14	0.09		2	2	-10140
-10141	6	53	52	-13	58.5	1	3.75	0.2	1.2	1.78	0.04	1.25	3.94	0.05	1.41		2.16	0.06		5	5	-10141
-10142	6	54	47	-8	59.9	2	0.19	0.5	0.2	2.97	0.10	2.44	6.05	0.08	16.00		3.08	0.13	I	3	2	-10142
-10143	6	55	41	-8	57.3	2	0.19	0.3	0.4	1.34	0.05	0.09	4.37	0.05	0.66		3.03	0.07		3	3	-10143
-10144	6	58	26	-14	16.7	2	1.75	0.3	2.5	2.49	0.07	0.25	6.25	0.05	8.75		3.76	0.09	I	4	4	-10144
-10145	6	59	26	-5	38.9	2	1.50	0.3	0.1	0.98	0.06	0.06	3.56	0.07	0.31		2.58	0.09		2	2	-10145
-10146	7	1	38	-5	15.4	2	0.12	0.5	0.1	2.99	0.12	0.06	4.81	0.07	0.06		1.82	0.14		2	2	-10146
-10147	7	2	4	-8	52.6	2	0.75	0.5	0.5	2.51	0.09	7.87	7.94	0.20	1.03		5.43	0.22	K	4	3	-10147
-10148	7	2	5	-9	53.0	2	0.37	0.3	2.0	2.11	0.08	0.12	7.36	0.18	0.12		5.25	0.20		2	2	-10148
-10149	7	4	31	-7	28.5	1	8.75	0.3	2.3	1.09	0.04	3.75	4.97	0.04	9.37		3.88	0.06	I	4	4	-10149
-10150	7	4	54	-11	54.5	2	0.75	0.5	0.1	2.55	0.10	1.12	5.80	0.07	1.87		3.25	0.12		2	2	-10150

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-10101	0 0 0 1 0 2 0 0 0 0	5.66	K5	III	2065	7449	-11 1321		-1	0.2	-10101
-10102	2 0 1 0 0 0 2 0 0 0	3.70	F0	V	2085	7492	-14 1286		3	0.2	-10102
-10103	1 0 0 0 0 1 0 0 0 0	7.57	M0			7515	-06 1359		0	0.3	-10103
-10104	0 0 0 1 0 2 0 0 0 0										-10104
-10105	1 0 0 0 0 1 0 0 0 0										-10105
-10106	1 0 0 0 0 1 0 0 0 0	6.91	K2			7639	-05 1478		-3	0.3	-10106
-10107	1 0 0 0 0 1 0 0 0 0	7.17	M0			7732	-05 1499		-4	0.1	-10107
-10108	1 0 0 0 0 2 0 0 0 0	8.70	K0				-07 1280		4	-0.3	-10108
-10109	1 0 0 0 0 1 0 0 0 0										-10109
-10110	1 0 1 0 0 0 1 0 0 0	5.55	K2	G	2183	7841	-14 1348		1	-0.4	-10110
-10111	1 0 0 0 0 3 0 0 0 0	8.30	MA				-07 1318		-1	0.3	-10111
-10112	1 0 0 0 0 3 0 0 0 0	8.60	MA				-07 1325		-1	-0.1	-10112
-10113	1 0 0 0 0 2 0 0 0 0	3.98	K3	III	2227	7986	-06 1469		-1	0.0	-10113
-10114	0 0 0 1 0 2 0 0 0 0	5.35	K1	G	2267	8107	-09 1411		1	-0.3	-10114
-10115	1 0 1 0 0 0 1 0 0 0	6.06	M1	G	2268	8108	-14 1400		-2	0.2	-10115
-10116	0 0 0 2 0 2 0 0 0 0										-10116
-10117	2 0 1 0 0 2 0 0 0 0										-10117
-10118	0 0 0 1 0 2 0 0 0 0	6.65	K5			8177	-11 1459		-2	-0.4	-10118
-10119	2 0 0 0 0 2 0 0 0 0	6.80	MA				-08 1401		1	-0.2	-10119
-10120	0 0 0 1 0 2 0 0 0 0	6.19	K5		2301	8244	-09 1444		2	0.2	-10120
-10121	0 0 0 1 0 3 0 0 0 0	5.21	K3	III	2305	8265	-11 1478		-2	-0.5	-10121
-10122	1 0 0 1 0 2 0 0 0 0	9.30	F0				-09 1452		2	1.2	-10122
-10123	2 0 0 0 0 2 0 0 0 0										-10123
-10124	2 0 0 0 0 3 0 0 0 0	8.50	MA				-08 1448		1	0.1	-10124
-10125	0 0 0 1 0 2 0 0 0 0	9.00	MA				-09 1484		0	-0.3	-10125
-10126	0 0 0 1 0 2 0 0 0 0	5.92	K0		2367	8439	-09 1493		0	0.3	-10126
-10127	1 0 1 0 0 2 0 0 0 0	5.33	K3	III	2379	8470	-12 1518		1	-0.1	-10127
-10128	2 0 0 0 0 2 0 0 0 0	5.42	K2	G	2381	8485	-08 1462		1	-0.3	-10128
-10129	1 0 1 0 0 0 1 0 0 0										-10129
-10130	0 0 0 1 0 2 0 0 0 0										-10130
-10131	1 0 0 0 0 1 0 0 0 0							GL MON	3	0.3	-10131
-10132	1 0 1 0 0 1 1 0 0 0	5.96	K5		2428	8623	-13 1570		-1	0.1	-10132
-10133	0 0 1 1 0 2 0 0 0 0										-10133
-10134	0 0 0 1 0 2 0 0 0 0	7.90	MA				-09 1557		0	0.1	-10134
-10135	1 0 1 0 0 0 1 0 0 0	4.83	K3	III	2450	8694	-14 1525		-3	-0.1	-10135
-10136	1 0 0 0 0 1 0 0 0 0	7.00	MA				-06 1664		0	0.1	-10136
-10137	1 0 0 1 0 2 0 0 0 0	5.18	M0	G	2469	8756	-09 1601		0	0.1	-10137
-10138	1 0 1 0 0 0 1 0 0 0							DY CMA	-3	-0.2	-10138
-10139	1 0 0 0 0 2 0 0 0 0	5.07	M1	II	2508	8891	-08 1558		-2	-0.1	-10139
-10140	0 0 0 1 0 1 0 0 0 0	4.06	K4	III	2574	9051	-11 1681		-2	0.1	-10140
-10141	2 0 2 0 0 0 1 0 0 0	4.99	G5		2593	9103	-13 1741		2	0.1	-10141
-10142	1 0 0 0 0 2 0 0 0 0	8.40	MD				-08 1641	X MON	-2	-0.1	-10142
-10143	1 0 0 0 0 2 0 0 0 0	7.50	MB				-08 1650		-3	0.3	-10143
-10144	1 0 1 0 0 0 2 0 0 0							RV CMA	3	-0.1	-10144
-10145	1 0 0 0 0 1 0 0 0 0	5.21	M2	G	2639	9269	-05 1926		-3	0.1	-10145
-10146	1 0 0 0 0 1 0 0 0 0	5.60	K3	G	2655	9323	-05 1943		0	-0.5	-10146
-10147	2 0 0 0 0 2 0 0 0 0							HN MON	-2	0.1	-10147
-10148	0 0 0 1 0 1 0 0 0 0										-10148
-10149	1 0 0 0 0 3 0 0 0 0							RY MON	0	0.3	-10149
-10150	0 0 0 1 0 1 0 0 0 0	8.80	M1				-11 1797		-2	-0.6	-10150

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-10151	7 5 26	-10 39.5	2	0.19	0.5	3.8	2.94	0.12	1.69	7.55	0.20	0.25		4.61	0.23		3	2	-10151
-10152	7 5 42	-11 50.5	2	0.87	0.3	0.7	1.02	0.06	2.12	4.50	0.08	0.06		3.48	0.10		2	2	-10152
-10153	7 10 19	-7 50.1	2	1.50	0.8	0.2	3.16	0.14	8.44	8.02	0.31	0.06		4.86	0.34	K	3	2	-10153
-10154	7 10 47	-11 9.7	2	1.50	0.3	0.4	2.20	0.08	0.06	4.58	0.08	0.06		2.38	0.11		2	2	-10154
-10155	7 11 2	-14 29.6	2	3.19	0.3	2.3	2.63	0.07	0.84	5.81	0.06	4.03		3.18	0.09		3	3	-10155
-10156	7 11 47	-14 31.0	2	3.94	0.3	0.7	2.96	0.09	1.03	6.99	0.10	0.09		4.03	0.13		3	3	-10156
-10157	7 11 58	-9 51.9	2	0.94	0.7	0.7	2.53	0.10	0.19	4.83	0.06	0.56		2.30	0.12		3	2	-10157
-10158	7 15 7	-6 35.8	2	1.62	0.7	0.1	2.53	0.11	0.12	4.98	0.06	0.06		2.45	0.13		2	2	-10158
-10159	7 16 54	-11 22.4	2	2.00	0.7	0.7	2.69	0.11	2.62	5.90	0.08	0.87		3.21	0.14		2	2	-10159
-10160	7 16 56	-10 48.8	2	0.63	0.5	0.2	2.55	0.10	0.06	6.06	0.10	10.75		3.51	0.14	I	2	2	-10160
-10161	7 16 57	-8 41.3	2	0.94	0.3	0.9	2.30	0.07	0.84	5.09	0.06	0.75		2.79	0.09		3	3	-10161
-10162	7 18 37	-10 16.6	2	0.19	0.3	0.4	1.90	0.05	1.78	6.10	0.07	9.56		4.20	0.09	I	3	3	-10162
-10163	7 23 19	-5 44.4	2	0.12	0.3	2.0	2.31	0.09	0.06	5.35	-	-	Q	3.04	-		2	2	-10163
-10164	7 24 5	-8 49.8	2	0.25	0.7	0.1	2.75	0.12	0.75	6.28	0.10	0.12		3.53	0.16		2	2	-10164
-10165	7 25 29	-9 28.1	2	0.12	0.5	0.4	2.86	0.13	0.06	6.11	0.08	0.06		3.25	0.15		2	2	-10165
-10166	7 26 56	-10 13.4	1	3.19	0.3	0.4	1.99	0.05	0.66	4.33	0.06	0.09		2.34	0.08		3	3	-10166
-10167	7 27 46	-9 16.2	3	-	0.7	-	2.59	0.15	-	6.24	0.13	-		3.65	0.20		1	1	-10167
-10168	7 28 37	-10 0.0	2	0.12	0.5	0.1	2.59	0.09	0.19	5.10	0.07	1.00		2.51	0.11		2	2	-10168
-10169	7 31 29	-14 24.9	1	1.87	0.3	2.1	0.02	0.05	1.41	2.89	0.05	2.91		2.87	0.07		3	3	-10169
-10170	7 33 56	-8 12.0	2	1.25	0.5	0.1	2.27	0.08	0.19	4.86	0.06	0.25		2.59	0.10		2	2	-10170
-10171	7 34 47	-14 13.0	2	2.44	0.3	1.7	2.98	0.09	0.56	6.01	0.07	1.19		3.03	0.11		3	2	-10171
-10172	7 35 35	-5 35.8	2	0.12	0.5	0.1	2.87	0.13	0.06	6.17	0.09	2.75		3.30	0.16	I	2	2	-10172
-10173	7 36 33	-8 59.6	2	2.37	0.5	0.4	2.55	0.10	0.50	6.45	0.15	-		3.90	0.18		2	1	-10173
-10174	7 38 52	-9 25.7	2	0.12	0.3	0.6	1.69	0.06	1.69	3.26	0.07	0.06		1.57	0.09		2	2	-10174
-10175	7 39 55	-10 45.9	2	2.00	0.3	1.1	1.36	0.05	0.31	5.13	0.06	1.00		3.77	0.08		2	2	-10175
-10176	7 43 32	-6 39.3	2	1.25	0.5	0.7	2.43	0.09	0.12	4.48	0.08	-		2.05	0.12		2	1	-10176
-10177	7 45 19	-11 50.1	2	0.12	0.7	0.4	2.81	0.12	0.06	7.41	0.23	-		4.60	0.26		2	1	-10177
-10178	7 47 21	-13 57.4	1	7.25	0.3	0.7	2.10	0.05	0.63	4.74	0.05	2.00		2.64	0.07		4	4	-10178
-10179	7 47 25	-8 27.2	2	1.25	0.5	2.8	2.70	0.11	0.31	5.43	0.10	-		2.73	0.15		2	1	-10179
-10180	7 47 43	-9 3.0	2	0.75	0.5	1.1	2.37	0.10	0.56	4.72	0.16	-		2.35	0.19		3	1	-10180
-10181	7 50 44	-11 29.5	2	1.50	0.3	1.9	2.23	0.06	0.94	5.22	0.06	0.47		2.99	0.08		3	3	-10181
-10182	7 50 49	-7 55.4	2	1.62	0.5	1.1	2.38	0.09	0.56	5.98	0.08	2.50		3.60	0.12		2	2	-10182
-10183	7 51 20	-6 19.1	2	0.12	0.5	0.9	2.80	0.15	0.06	6.75	0.16	-		3.95	0.22		2	1	-10183
-10184	7 58 28	-12 41.9	2	0.56	0.3	0.6	1.91	0.06	2.34	7.09	0.12	24.00		5.18	0.13	I	3	3	-10184
-10185	7 59 50	-12 52.4	2	6.37	0.3	0.9	2.17	0.07	1.41	6.39	0.08	22.31		4.22	0.11	I	3	3	-10185
-10186	8 0 47	-12 4.9	3	0.25	0.8	0.4	2.96	0.18	0.12	7.91	0.25	0.06		4.95	0.31		2	2	-10186
-10187	8 8 7	-9 27.2	2	3.00	0.5	0.1	2.30	0.08	1.44	5.23	0.07	0.12		2.93	0.11		2	2	-10187
-10188	8 8 58	-12 46.6	1	9.69	0.3	5.3	2.61	0.09	0.94	4.15	0.07	0.19		1.54	0.11		5	3	-10188
-10189	8 13 17	-13 28.0	1	1.75	0.3	0.5	2.64	0.06	4.87	5.31	0.05	10.75		2.67	0.08	I	4	4	-10189
-10190	8 16 47	-7 23.9	1	6.56	0.3	0.7	2.47	0.08	0.09	5.24	-	-	Q	2.77	-		3	3	-10190
-10191	8 16 52	-11 22.0	2	0.37	0.3	0.7	2.10	0.07	0.09	5.23	0.06	1.22		3.13	0.09		3	3	-10191
-10192	8 19 28	-9 30.4	2	0.75	0.5	0.1	2.87	0.10	0.75	6.72	0.11	2.25		3.85	0.15		2	2	-10192
-10193	8 20 27	-7 23.0	1	2.81	0.3	0.4	1.30	0.05	0.37	4.01	0.07	0.19		2.71	0.09		3	3	-10193
-10194	8 22 4	-8 21.5	1	1.12	0.3	0.2	0.36	0.05	0.19	3.63	0.06	0.28		3.27	0.08		3	3	-10194
-10195	8 24 22	-12 22.1	2	3.25	0.3	2.0	2.76	0.10	0.75	4.63	0.06	0.47		1.87	0.12		4	3	-10195
-10196	8 27 13	-6 9.0	2	0.56	0.3	1.9	-0.17	0.07	0.09	3.69	0.10	0.19		3.86	0.12		3	2	-10196
-10197	8 31 22	-9 49.4	2	1.62	0.7	0.4	2.52	0.11	1.25	5.53	0.07	0.06		3.01	0.13		2	2	-10197
-10198	8 33 28	-11 7.4	2	0.12	0.5	0.2	2.74	0.11	1.19	5.41	0.07	0.19		2.67	0.13		2	2	-10198
-10199	8 37 18	-9 24.5	2	1.12	0.3	3.1	0.54	0.05	3.00	4.01	0.10	0.69		3.47	0.11	K	2	2	-10199
-10200	8 37 41	-12 17.9	2	0.94	0.3	0.7	1.70	0.06	0.09	3.84	0.08	0.28		2.14	0.10		3	3	-10200

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-10151	0 0 0 1 0 2 0 0 0 0										-10151
-10152	0 0 0 1 0 1 0 0 0 0	7.00	NA				-11 1805	W CMA	-2	0.1	-10152
-10153	1 0 0 0 0 2 0 0 0 0							AM MON	-3	0.6	-10153
-10154	0 0 0 1 0 1 0 0 0 0	6.01	KO		2723	9558	-11 1849		0	0.2	-10154
-10155	1 0 1 0 0 0 1 0 0 0	8.30	M4				-14 1776		1	0.0	-10155
-10156	1 0 1 0 0 0 1 0 0 0										-10156
-10157	0 0 0 2 0 1 0 0 0 0	5.91	K3	G	2732	9600	-09 1921		4	-0.3	-10157
-10158	1 0 0 0 0 1 0 0 0 0	6.29	K2		2765	9698	-06 2032		1	-0.4	-10158
-10159	0 0 0 1 0 1 0 0 0 0	8.60	M3				-11 1885		-1	-0.3	-10159
-10160	0 0 0 1 0 1 0 0 0 0	8.90	M2				-10 1983		0	0.2	-10160
-10161	1 0 0 0 0 2 0 0 0 0	7.40	MA				-08 1839		-2	0.2	-10161
-10162	0 0 0 1 0 2 0 0 0 0										-10162
-10163	1 0 0 0 0 1 0 0 0 0							TT MON	5	0.4	-10163
-10164	1 0 0 0 0 1 0 0 0 0							NR MON	1	-0.1	-10164
-10165	0 0 0 1 0 1 0 0 0 0										-10165
-10166	0 0 0 1 0 2 0 0 0 0	5.74	K5	G	2867	10022	-10 2067		-3	0.0	-10166
-10167	0 0 0 0 0 1 0 0 0 0										-10167
-10168	0 0 0 1 0 1 0 0 0 0	6.97	K2			10062	-09 2086		1	0.1	-10168
-10169	1 0 1 0 0 0 1 0 0 0	4.98	M2	II	2902	10122	-14 1971		-2	0.0	-10169
-10170	1 0 0 0 0 1 0 0 0 0	6.27	K2		2920	10192	-07 2065		4	-0.1	-10170
-10171	1 0 1 0 0 0 1 0 0 0	7.70	K5				-14 2039		-3	-0.3	-10171
-10172	1 0 0 0 0 1 0 0 0 0	9.00	B8				-05 2190		-3	-2.3	-10172
-10173	1 0 0 0 0 1 0 0 0 0										-10173
-10174	0 0 0 1 0 1 0 0 0 0	3.93	KO	III	2970	10345	-09 2172		0	0.2	-10174
-10175	0 0 0 1 0 1 0 0 0 0	8.70	K				-10 2171	SU MON	-1	-0.2	-10175
-10176	1 0 0 0 0 1 0 0 0 0	5.49	K5	III	3014	10465	-06 2281		-4	-0.4	-10176
-10177	0 0 0 1 0 1 0 0 0 0										-10177
-10178	1 0 2 0 0 0 1 0 0 0	6.64	K5			10566	-13 2247		0	0.1	-10178
-10179	1 0 0 0 0 1 0 0 0 0	8.20	MA				-08 2090		-1	-0.1	-10179
-10180	1 0 0 1 0 1 0 0 0 0	5.61	K3	G	3047	10578	-08 2096		-4	0.4	-10180
-10181	0 0 0 2 0 1 0 0 0 0	7.90	M2P				-11 2141		0	0.2	-10181
-10182	1 0 0 0 0 1 0 0 0 0	9.20	M8				-07 2239		0	-0.5	-10182
-10183	1 0 0 0 0 1 0 0 0 0										-10183
-10184	1 0 1 0 0 1 0 0 0 0							U PUP	-2	0.3	-10184
-10185	1 0 1 0 0 1 0 0 0 0							DX PUP	1	0.5	-10185
-10186	0 0 1 0 0 1 0 0 0 0										-10186
-10187	0 0 0 1 0 1 0 0 0 0	7.80	MB				-09 2404		0	0.1	-10187
-10188	2 0 2 0 0 1 0 0 0 0	4.71	KO	III	3211	11134	-12 2385		2	0.0	-10188
-10189	1 0 1 0 0 1 1 0 0 0	7.20	MO			11242	-13 2452		4	0.2	-10189
-10190	1 0 0 0 0 2 0 0 0 0	7.20	K5				-07 2433		-2	0.2	-10190
-10191	0 0 0 1 0 2 0 0 0 0	8.50	M1				-11 2313		1	-0.1	-10191
-10192	0 0 0 1 0 1 0 0 0 0	9.40	GO				-09 2486		2	-1.4	-10192
-10193	1 0 0 0 0 2 0 0 0 0	5.96	M1		3288	11437	-07 2452		-1	-0.1	-10193
-10194	1 0 0 0 0 2 0 0 0 0	7.50	MB				-08 2343	FK HYA	1	0.0	-10194
-10195	2 0 1 0 0 1 0 0 0 0	5.54	K2	III	3324	11539	-12 2524		1	0.0	-10195
-10196	2 0 0 0 0 1 0 0 0 0	8.40	MC				-05 2550	RT HYA	0	0.0	-10196
-10197	0 0 0 1 0 1 0 0 0 0	8.00	MA				-09 2571		-1	0.2	-10197
-10198	0 0 0 1 0 1 0 0 0 0	7.80	M1				-10 2575		0	-0.3	-10198
-10199	0 0 0 1 0 1 0 0 0 0	7.70	MB				-09 2612	RV HYA	-1	0.0	-10199
-10200	1 0 1 0 0 1 0 0 0 0	4.96	K4	III	3431	11908	-11 2420		1	0.0	-10200

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-10201	8 37 44	-14 51.6	2	5.50	0.3	1.0	2.98	0.10	2.87	5.88	0.05	5.87		2.90	0.11		4	4	-10201
-10202	8 38 4	-14 38.3	2	6.25	0.5	3.0	3.11	0.10	25.00	7.70	0.21	-		4.59	0.23	K	4	1	-10202
-10203	8 39 23	-5 25.7	2	0.12	0.7	0.4	2.66	0.10	0.12	5.60	0.08	3.25		2.94	0.13	I	2	2	-10203
-10204	8 41 15	-7 2.9	2	3.37	0.7	0.6	2.66	0.11	0.47	4.09	0.08	0.09		1.43	0.14		3	3	-10204
-10205	8 43 44	-10 49.6	2	0.12	0.7	0.1	2.26	0.09	0.06	4.68	0.07	0.37		2.42	0.11		2	2	-10205
-10206	8 43 46	-10 38.9	2	0.87	0.3	0.1	1.15	0.05	0.06	3.81	-	-	Q	2.66	-		2	2	-10206
-10207	8 43 59	-13 21.7	1	0.25	0.3	0.2	2.30	0.06	0.50	3.72	0.05	6.00		1.42	0.08		4	4	-10207
-10208	8 51 7	-11 13.0	2	0.50	0.8	1.2	3.00	0.14	0.63	5.71	0.10	-		2.71	0.17		2	1	-10208
-10209	8 52 13	-11 11.6	2	0.12	0.3	0.1	2.37	0.09	0.94	4.85	0.09	-		2.48	0.13		2	1	-10209
-10210	8 53 12	-8 57.0	2	0.37	0.3	0.4	2.47	0.09	0.06	6.56	0.11	13.50		4.09	0.14	I	2	2	-10210
-10211	9 1 20	-12 29.0	2	3.94	0.3	2.8	2.70	0.09	0.47	6.68	0.09	1.12		3.98	0.13		3	3	-10211
-10212	9 7 55	-11 24.5	2	0.12	0.5	1.2	2.68	0.10	0.06	5.72	0.07	2.19		3.04	0.12		2	2	-10212
-10213	9 14 16	-6 9.1	2	1.37	0.7	0.9	2.52	0.09	0.25	4.42	0.11	0.06		1.90	0.14		2	2	-10213
-10214	9 17 23	-11 46.1	2	0.50	0.5	0.5	2.66	0.10	0.06	4.15	0.13	0.06		1.49	0.16		2	2	-10214
-10215	9 18 2	-9 21.2	2	0.12	0.5	0.9	2.78	0.12	0.31	4.28	0.28	-		1.50	0.30		2	1	-10215
-10216	9 21 29	-5 14.7	2	2.81	0.3	3.8	2.67	0.09	0.66	5.35	0.20	-		2.68	0.22		3	1	-10216
-10217	9 25 10	-8 26.6	2	0.50	0.5	0.2	-1.36	0.06	0.56	*	-	-		-	-		2	0*	-10217
-10218	9 25 45	-7 30.2	2	3.25	0.3	1.5	2.28	0.07	0.12	5.06	0.06	1.69		2.78	0.09		4	3	-10218
-10219	9 26 55	-13 31.1	2	1.12	0.3	0.4	2.69	0.08	0.56	5.61	0.09	-		2.92	0.12		3	1	-10219
-10220	9 30 31	-13 17.5	1	2.50	0.3	0.7	2.37	0.07	0.63	4.73	0.06	2.87		2.36	0.09		4	4	-10220
-10221	9 32 6	-5 41.0	2	0.12	0.5	0.1	2.98	0.13	0.12	4.75	0.07	0.31		1.77	0.15		2	2	-10221
-10222	9 33 5	-14 28.0	1	0.56	0.3	1.5	1.04	0.05	0.84	5.70	0.08	16.00		4.66	0.09	I	3	2	-10222
-10223	9 40 15	-7 52.3	2	0.25	0.5	0.1	2.62	0.11	0.56	6.17	0.09	4.25		3.55	0.14	I	2	2	-10223
-10224	9 43 56	-5 48.0	2	0.12	0.5	0.5	2.70	0.12	0.06	6.11	0.09	4.50		3.41	0.15	I	2	2	-10224
-10225	9 45 37	-7 55.6	2	0.12	0.7	1.1	2.84	0.12	0.31	5.58	0.07	0.81		2.74	0.14		2	2	-10225
-10226	9 49 9	-14 36.6	2	0.50	0.3	0.1	2.07	0.07	0.75	3.59	0.07	1.06		1.52	0.10		2	2	-10226
-10227	9 49 13	-11 6.8	2	2.50	0.3	0.2	2.06	0.07	1.25	4.58	0.08	0.12		2.52	0.11		2	2	-10227
-10228	10 1 14	-9 20.0	2	0.75	0.3	1.9	1.88	0.06	0.37	4.50	0.06	0.19		2.62	0.08		3	3	-10228
-10229	10 3 7	-12 20.5	2	5.06	0.3	1.1	2.87	0.11	0.66	6.53	0.08	0.84		3.66	0.14		3	3	-10229
-10230	10 5 16	-7 23.2	2	1.69	0.3	0.2	2.31	0.07	1.59	5.02	0.05	0.09		2.71	0.09		3	3	-10230
-10231	10 6 58	-13 7.0	1	6.87	0.3	0.3	2.53	0.07	3.59	5.32	0.04	10.62		2.79	0.08	I	5	5	-10231
-10232	10 7 17	-14 31.1	2	0.25	0.5	0.2	2.79	0.11	2.25	5.99	0.07	1.75		3.20	0.13		2	2	-10232
-10233	10 8 11	-12 6.4	1	3.44	0.3	0.9	1.41	0.05	2.03	2.87	0.05	0.87		1.46	0.07		5	4	-10233
-10234	10 8 22	-8 9.6	2	0.12	0.7	0.6	2.75	0.11	1.12	4.74	0.06	0.56		1.99	0.13		2	2	-10234
-10235	10 9 50	-10 4.8	2	0.19	0.5	0.7	2.77	0.10	0.09	5.82	0.06	0.75		3.05	0.12		3	3	-10235
-10236	10 14 34	-14 24.5	2	0.12	0.5	0.1	2.61	0.08	16.00	7.79	0.38	-		5.18	0.39	K	2	1	-10236
-10237	10 18 37	-5 11.1	2	3.87	0.5	8.0	2.82	0.12	0.12	5.33	0.11	-		2.51	0.16		2	1	-10237
-10238	10 20 13	-9 8.9	2	0.87	0.3	1.5	2.06	0.07	0.94	4.85	0.06	0.19		2.79	0.09		2	2	-10238
-10239	10 23 15	-6 48.9	2	0.12	0.5	0.4	1.78	0.07	1.50	4.18	0.10	0.06		2.40	0.12		2	2	-10239
-10240	10 28 8	-10 32.9	3	0.12	1.3	0.1	2.83	0.15	0.25	5.70	0.07	1.50		2.87	0.17		2	2	-10240
-10241	10 28 26	-7 23.7	2	1.25	0.3	2.3	2.72	0.08	3.75	5.00	0.05	0.12		2.28	0.09		4	4	-10241
-10242	10 35 3	-13 7.3	1	1.31	0.3	3.2	-0.67	0.05	0.28	2.79	0.05	1.97		3.46	0.07		3	3	-10242
-10243	10 35 22	-11 45.6	1	0.19	0.3	2.1	0.69	0.04	0.28	4.43	0.09	1.50		3.74	0.10		3	3	-10243
-10244	10 40 1	-13 43.1	2	0.12	0.5	0.7	2.65	0.09	0.06	5.01	0.09	-		2.36	0.13		2	1	-10244
-10245	10 42 31	-6 34.4	2	0.56	0.5	1.3	2.13	0.10	1.69	6.46	0.11	2.53		4.33	0.15		3	3	-10245
-10246	10 46 19	-8 44.3	2	1.00	0.5	1.5	2.77	0.12	2.62	6.61	-	-	Q	3.84	-		2	2	-10246
-10247	10 57 46	-13 49.3	2	0.12	0.3	1.9	2.22	0.08	0.12	4.64	0.07	2.50		2.42	0.11		2	2	-10247
-10248	11 3 24	-8 52.9	2	0.12	0.5	0.1	2.55	0.10	0.06	5.84	0.08	0.37		3.29	0.13		2	2	-10248
-10249	11 5 10	-12 19.1	2	0.37	0.3	0.1	2.24	0.10	2.31	5.11	0.07	0.12		2.87	0.12		2	2	-10249
-10250	11 11 39	-8 3.5	2	0.50	0.5	0.1	2.32	0.09	0.06	5.15	0.07	0.12		2.83	0.11		2	2	-10250

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
-10201	2 0 1 0 0 0 1 0 0 0	8.20	M3				-14	2608		0	-0.1	-10201
-10202	2 0 1 0 0 0 1 0 0 0											-10202
-10203	1 0 0 0 0 1 0 0 0 0	8.30	MA				-05	2609		1	0.1	-10203
-10204	1 0 0 0 0 2 0 0 0 0	4.63	G2	II	3459	12006	-06	2708		1	0.3	-10204
-10205	0 0 0 1 0 1 0 0 0 0	6.25	K5		3480	12086	-10	2634		1	-0.2	-10205
-10206	0 0 0 1 0 1 0 0 0 0	7.36	M3			12087	-10	2635		0	-0.1	-10206
-10207	1 0 1 0 0 1 1 0 0 0	4.31	G8	III	3484	12097	-13	2673		-2	0.1	-10207
-10208	0 0 0 1 0 1 0 0 0 0	7.90	K5				-10	2678		1	-0.9	-10208
-10209	0 0 0 1 0 1 0 0 0 0	6.84	K5			12316	-10	2688		-2	-0.4	-10209
-10210	1 0 0 0 0 1 0 0 0 0	7.30	M3E			12340	-08	2525	T HYA	-2	0.0	-10210
-10211	1 0 1 0 0 1 0 0 0 0											-10211
-10212	0 0 0 1 0 1 0 0 0 0	8.70	M1				-11	2570		0	0.2	-10212
-10213	1 0 0 0 0 1 0 0 0 0	5.24	K2	III	3681	12800	-05	2762		3	-0.5	-10213
-10214	0 0 0 1 0 1 0 0 0 0	4.76	G8	III	3706	12867	-11	2609		1	-0.3	-10214
-10215	0 0 0 1 0 1 0 0 0 0	4.81	G8	III	3709	12881	-08	2643		0	-0.7	-10215
-10216	1 0 0 0 0 2 0 0 0 0	7.25	K5			12965	-04	2609		-2	0.3	-10216
-10217	1 0 0 0 0 1 0 0 0 0	1.99	K4	III	3748	13044	-08	2680		1	-0.2	-10217
-10218	2 0 0 0 0 2 0 0 0 0	7.00	MA				-07	2813		0	-0.1	-10218
-10219	1 0 1 0 0 0 1 0 0 0	7.90	K5				-13	2866		1	-0.1	-10219
-10220	1 0 1 0 0 1 1 0 0 0	5.93	K5		3802	13185	-12	2926		-1	0.2	-10220
-10221	1 0 0 0 0 1 0 0 0 0	5.56	K1	G	3814	13226	-05	2840		3	0.4	-10221
-10222	1 0 1 0 0 0 1 0 0 0	8.00	M7E			13247	-14	2893	X HYA	-3	0.1	-10222
-10223	1 0 0 0 0 1 0 0 0 0	9.10	MB				-07	2873	R SEX	1	0.0	-10223
-10224	1 0 0 0 0 1 0 0 0 0											-10224
-10225	1 0 0 0 0 1 0 0 0 0	7.70	MA				-07	2895		1	0.5	-10225
-10226	1 0 0 0 0 0 1 0 0 0	4.12	G8	III	3903	13570	-14	2963		4	0.1	-10226
-10227	0 0 0 1 0 1 0 0 0 0	6.81	M0			13572	-10	2940		-2	-0.5	-10227
-10228	0 0 0 1 0 1 1 0 0 0	6.12	K0		3959	13823	-08	2836		1	-0.1	-10228
-10229	1 0 1 0 0 1 0 0 0 0											-10229
-10230	1 0 0 0 0 2 0 0 0 0	6.86	M0			13912	-06	3078		0	-0.1	-10230
-10231	1 0 1 0 0 1 2 0 0 0	7.34	M0			13951	-12	3098		1	0.0	-10231
-10232	1 0 0 0 0 0 1 0 0 0	8.50	M2				-14	3041		0	-0.1	-10232
-10233	2 0 1 1 0 1 0 0 0 0	3.62	K0	III	3994	13982	-11	2820		1	0.0	-10233
-10234	1 0 0 0 0 1 0 0 0 0	5.65	K2	G	3996	13990	-07	2977		-5	0.6	-10234
-10235	0 0 0 1 0 1 1 0 0 0	8.30	MB				-09	3017	RT SEX	-1	-0.3	-10235
-10236	1 0 0 0 0 0 1 0 0 0											-10236
-10237	1 0 0 0 0 1 0 0 0 0	6.96	K2			14206	-04	2847		0	-1.3	-10237
-10238	0 0 0 1 0 0 1 0 0 0	7.22	M0			14251	-08	2906		0	-0.4	-10238
-10239	1 0 0 0 0 1 0 0 0 0	5.58	M0	III	4092	14321	-06	3146		0	-0.4	-10239
-10240	0 0 0 1 0 1 0 0 0 0	7.50	K5				-10	3073		3	0.2	-10240
-10241	1 0 0 0 0 2 1 0 0 0	6.20	K5	III	4122	14442	-06	3173		-2	-0.9	-10241
-10242	1 0 0 0 0 1 1 0 0 0	4.92	C7		4163	14611	-12	3218	U HYA	-2	0.2	-10242
-10243	1 0 0 1 0 1 0 0 0 0								FF HYA	-2	0.0	-10243
-10244	1 0 0 0 0 0 1 0 0 0	6.44	K2		4190	14724	-13	3197		-2	-0.4	-10244
-10245	2 0 0 0 0 1 0 0 0 0											-10245
-10246	1 0 0 0 0 0 1 0 0 0											-10246
-10247	1 0 0 0 0 0 1 0 0 0	5.88	K5	G	4289	15116	-13	3271		4	-0.4	-10247
-10248	0 0 0 0 0 0 2 0 0 0	8.50	MB				-08	3081		-3	0.2	-10248
-10249	1 0 0 0 0 1 0 0 0 0	8.00	M2				-11	3030		0	-0.2	-10249
-10250	1 0 0 0 0 0 1 0 0 0	7.40	MA				-07	3197		-2	-0.2	-10250

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-10251	11	12	51	-11	18.9	2	0.12	0.3	0.1	1.63	0.07	0.75	4.50	0.08	0.06		2.87	0.11		2	2	-10251
-10252	11	13	10	-12	19.5	2	0.12	0.3	1.1	1.14	0.06	2.50	4.06	0.09	0.19		2.92	0.11		2	2	-10252
-10253	11	16	46	-14	30.5	2	0.75	0.3	0.7	0.95	0.06	0.06	2.71	0.06	1.50		1.76	0.08		2	2	-10253
-10254	11	22	4	-10	35.1	1	5.62	0.2	2.5	0.98	0.05	1.09	3.28	0.06	0.37		2.30	0.08		5	3	-10254
-10255	11	23	25	-13	29.0	2	0.75	0.3	1.1	2.04	0.07	0.75	4.80	0.05	7.22		2.76	0.09	I	3	3	-10255
-10256	11	29	10	-12	6.5	2	0.12	0.5	0.1	1.69	0.08	0.44	5.55	0.07	5.69		3.86	0.11	I	2	2	-10256
-10257	11	30	17	-7	33.1	2	0.94	C.5	1.7	2.63	0.11	0.84	4.93	0.06	0.56		2.30	0.13		3	2	-10257
-10258	11	48	33	-10	56.0	2	0.25	0.3	0.1	0.15	0.06	0.87	4.07	0.08	4.12		3.92	0.10	I	2	2	-10258
-10259	11	50	12	-7	19.0	1	9.37	0.2	1.6	0.73	0.04	2.81	4.64	0.04	9.37		3.91	0.06	I	5	5	-10259
-10260	11	57	47	-9	54.5	2	0.37	0.5	0.2	3.12	0.09	9.94	7.06	0.11	24.00		3.94	0.14	K,I	3	3	-10260
-10261	12	0	18	-7	24.0	2	0.25	C.3	1.0	2.73	0.07	1.75	5.00	0.05	2.75		2.27	0.09		4	4	-10261
-10262	12	3	1	-5	33.9	2	0.56	0.3	3.2	1.99	0.08	2.16	4.84	0.06	0.09		2.85	0.10		3	3	-10262
-10263	12	4	41	-6	29.4	1	18.44	0.3	1.9	0.19	0.05	0.94	3.75	0.06	3.37		3.56	0.08		5	4	-10263
-10264	12	12	1	-5	45.5	2	1.50	0.7	0.5	2.77	0.09	2.87	6.28	0.08	5.91		3.51	0.12	I	4	3	-10264
-10265	12	17	47	-8	43.3	1	3.75	0.3	0.2	1.89	0.05	0.47	5.58	0.06	6.37		3.69	0.08	I	3	3	-10265
-10266	12	18	16	-12	34.5	2	1.62	0.5	0.1	2.65	0.12	0.75	5.93	0.08	0.12		3.28	0.14		2	2	-10266
-10267	12	18	20	-13	17.2	2	1.87	0.5	0.4	2.67	0.09	1.78	4.55	0.07	0.94		1.88	0.11		3	3	-10267
-10268	12	20	46	-11	31.9	2	0.12	0.5	0.2	1.60	0.08	0.50	4.39	0.14	0.06		2.79	0.16		2	2	-10268
-10269	12	36	42	-7	43.1	2	1.31	0.3	0.2	1.98	0.05	0.28	3.83	0.07	0.66		1.85	0.09		3	3	-10269
-10270	12	38	33	-8	58.3	2	2.75	0.3	4.3	2.62	0.08	1.75	5.63	0.06	1.03		3.01	0.10		4	3	-10270
-10271	12	39	22	-7	13.5	1	5.62	0.3	4.1	2.66	0.07	1.56	5.33	0.05	1.87		2.67	0.09		5	5	-10271
-10272	12	47	8	-14	48.6	2	2.00	0.3	1.1	1.11	0.08	0.06	4.38	0.08	0.19		3.27	0.11		2	2	-10272
-10273	12	50	23	-14	20.5	2	3.50	0.3	0.4	2.71	0.12	0.06	5.66	0.10	0.25		2.95	0.16		2	2	-10273
-10274	12	51	44	-9	15.9	1	2.00	0.3	0.7	0.18	0.05	1.50	2.74	0.05	0.12		2.56	0.07		4	4	-10274
-10275	12	54	34	-11	48.3	2	0.25	0.5	0.6	2.48	0.09	0.06	4.91	0.06	0.44		2.43	0.11		2	2	-10275
-10276	13	5	16	-10	28.1	2	2.25	0.3	0.2	2.59	0.07	0.37	4.38	0.08	1.25		1.79	0.11		4	4	-10276
-10277	13	5	58	-8	43.0	1	3.44	0.3	1.6	2.77	0.07	1.41	4.76	0.04	2.34		1.99	0.08		5	5	-10277
-10278	13	6	53	-9	27.1	1	1.12	0.3	8.4	2.71	0.07	2.91	6.42	-	-	Q	3.71	-		3	3	-10278
-10279	13	7	7	-10	4.0	1	1.75	0.3	1.0	2.40	0.06	1.37	4.72	0.05	3.00		2.32	0.08		4	4	-10279
-10280	13	8	42	-10	14.6	1	0.75	0.3	1.7	1.60	0.04	2.00	4.76	0.05	1.75		3.16	0.06		4	4	-10280
-10281	13	10	8	-8	42.9	2	2.06	0.5	0.2	2.68	0.08	0.19	7.51	0.17	0.47		4.83	0.19		3	3	-10281
-10282	13	12	5	-10	6.1	1	0.75	0.3	0.2	2.83	0.08	0.12	5.41	0.05	4.62		2.58	0.09		4	4	-10282
-10283	13	18	7	-11	11.4	2	4.50	0.5	0.4	2.74	0.09	0.69	6.11	0.08	1.87		3.37	0.12		2	2	-10283
-10284	13	19	29	-14	9.4	2	0.94	0.5	0.4	2.98	0.09	0.94	5.60	0.07	3.28		2.62	0.11		3	3	-10284
-10285	13	19	30	-12	19.4	2	0.63	0.7	0.5	2.85	0.14	1.00	5.47	0.07	0.25		2.62	0.16		2	2	-10285
-10286	13	22	31	-10	54.4	2	2.50	0.3	0.7	1.62	0.05	0.12	*	-	-		-	-		2	0*	-10286
-10287	13	24	4	-12	26.7	2	4.75	0.3	0.2	1.59	0.06	1.12	4.00	0.09	0.06		2.41	0.11		2	2	-10287
-10288	13	29	21	-5	59.9	1	5.62	0.3	1.9	0.33	0.05	2.34	2.80	0.05	0.25		2.47	0.07		5	4	-10288
-10289	13	30	19	-9	54.8	2	0.37	0.3	3.2	2.96	0.08	0.19	4.53	0.05	0.37		1.57	0.09		3	3	-10289
-10290	13	30	24	-6	56.1	1	4.12	0.2	5.3	0.57	0.04	15.37	5.70	0.05	29.13		5.13	0.06	K,I	6	4	-10290
-10291	13	36	4	-11	13.0	2	0.12	0.3	0.5	2.01	0.06	0.44	5.79	0.07	0.06		3.78	0.09		2	2	-10291
-10292	13	38	44	-10	12.1	1	1.25	0.3	0.9	2.65	0.06	0.78	5.65	0.05	5.78		3.00	0.08		5	5	-10292
-10293	13	38	58	-8	27.2	1	1.50	0.3	0.2	0.64	0.04	0.37	3.21	0.06	0.09		2.57	0.07		3	3	-10293
-10294	13	44	32	-9	27.4	1	1.12	0.3	0.6	2.64	0.07	0.84	4.99	0.05	3.28		2.35	0.09		3	3	-10294
-10295	13	53	10	-9	19.0	2	3.75	0.3	3.5	2.69	0.08	2.37	5.54	0.28	-		2.85	0.29		4	1	-10295
-10296	13	56	17	-13	42.3	2	0.37	0.3	1.1	2.14	0.07	0.25	6.45	0.11	0.06		4.31	0.13		2	2	-10296
-10297	14	3	57	-13	57.8	2	0.12	0.3	0.4	1.42	0.06	0.06	4.36	0.13	0.06		2.94	0.14		2	2	-10297
-10298	14	5	58	-8	37.3	2	1.87	0.3	0.2	2.46	0.07	1.50	5.69	0.07	1.78		3.23	0.10		3	3	-10298
-10299	14	8	38	-10	14.2	1	1.75	0.3	1.5	1.94	0.05	0.50	5.21	0.05	4.50		3.27	0.07		4	4	-10299
-10300	14	10	13	-10	2.3	1	3.75	0.3	1.2	1.01	0.05	1.41	3.05	0.05	0.63		2.04	0.07		5	4	-10300

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-10251	1 0 0 0 0 1 0 0 0 0	7.20	M2				-10 3227		-2	0.0	-10251
-10252	1 0 0 0 0 1 0 0 0 0	6.66	M0			15480	-11 3063		1	-0.3	-10252
-10253	1 0 0 0 0 0 1 0 0 0	3.56	G8	III	4382	15567	-13 3345		-5	0.0	-10253
-10254	1 0 0 0 1 2 1 0 0 0	4.80	K5	III	4402	15665	-10 3260		-2	0.0	-10254
-10255	1 0 0 0 0 1 1 0 0 0	7.01	M0			15690	-12 3423		1	-0.4	-10255
-10256	1 0 0 0 0 1 0 0 0 0	9.30	M5				-11 3114	RR CRT	0	-0.2	-10256
-10257	1 0 0 0 0 0 1 1 0 0	5.95	K4	G	4446	15841	-07 3250		1	-0.1	-10257
-10258	1 0 0 0 0 1 0 0 0 0	8.20	M3				-10 3353	RU CRT	-1	-0.2	-10258
-10259	1 0 0 0 1 0 1 2 0 0	8.50	MC				-06 3469	S CRT	0	0.1	-10259
-10260	1 0 0 0 1 0 1 0 0 0										-10260
-10261	1 0 0 0 1 0 1 1 0 0	6.22	K5		4598	16458	-06 3499		0	0.3	-10261
-10262	1 0 0 0 1 0 0 1 0 0	6.84	M0			16520	-05 3416		-1	0.2	-10262
-10263	1 0 0 0 2 0 0 2 0 0	7.00	M3			16559	-05 3424	RW VIR	0	-0.1	-10263
-10264	1 0 0 0 1 0 0 2 0 0	8.20	M6E			16717	-05 3456	T VIR	-2	0.0	-10264
-10265	1 0 0 0 1 0 1 0 0 0	9.00	MC				-08 3329	CH VIR	0	0.1	-10265
-10266	1 0 0 0 1 0 0 0 0 0	8.60	M3				-12 3613		0	0.1	-10266
-10267	1 0 0 0 1 0 1 0 0 0	5.36	K1	III	4699	16841	-12 3614		0	0.1	-10267
-10268	1 0 0 0 1 0 0 0 0 0	6.66	M0			16886	-11 3291		1	0.2	-10268
-10269	1 0 0 0 1 0 1 0 0 0	4.64	K2	III	4813	17227	-07 3452		2	0.1	-10269
-10270	1 0 0 0 2 0 1 0 0 0	8.00	MA				-08 3401		-1	0.0	-10270
-10271	1 0 0 0 2 0 1 1 0 0	7.21	K5			17277	-06 3626		-1	0.0	-10271
-10272	1 0 0 0 1 0 0 0 0 0	7.02	M3			17415	-14 3587		-2	-0.2	-10272
-10273	1 0 0 0 1 0 0 0 0 0	7.90	M2				-13 3612		1	0.4	-10273
-10274	1 0 0 0 1 0 2 0 0 0	4.80	M3	III	4902	17516	-08 3449		-1	0.2	-10274
-10275	1 0 0 0 1 0 0 0 0 0	6.51	K5			17577	-11 3398		-2	-0.4	-10275
-10276	1 0 0 0 2 0 1 0 0 0	5.19	K1	III	4955	17794	-09 3628		0	0.3	-10276
-10277	2 0 0 0 1 0 2 0 0 0	5.55	K3	G	4957	17805	-08 3491		2	0.0	-10277
-10278	1 0 0 0 1 0 1 0 0 0										-10278
-10279	1 0 0 0 2 0 1 0 0 0	5.94	K5	G	4961	17822	-09 3636		-2	-0.2	-10279
-10280	1 0 0 0 2 0 1 0 0 0	8.40	MB				-09 3641		-2	0.3	-10280
-10281	1 0 0 0 1 0 1 0 0 0										-10281
-10282	1 0 0 0 2 0 1 0 0 0	7.21	K5			17935	-09 3646		-3	0.2	-10282
-10283	1 0 0 0 1 0 0 0 0 0	8.60	M1				-10 3656		0	-0.1	-10283
-10284	1 1 0 0 1 0 0 0 0 0	7.02	K2			18088	-13 3692		1	0.1	-10284
-10285	1 0 0 0 1 0 0 0 0 0	7.08	K5			18089	-11 3498		0	-0.3	-10285
-10286	1 0 0 0 1 0 0 0 0 0	0.96	B1	V	5056	18144	-10 3672	ALF VIR	-3	-0.3	-10286
-10287	1 0 0 0 1 0 0 0 0 0	5.26	M0	III	5064	18168	-11 3516		-1	0.1	-10287
-10288	2 1 0 0 1 0 0 1 0 0	4.68	M3	G	5095	18288	-05 3714		-1	0.0	-10288
-10289	1 0 0 0 1 0 1 0 0 0	5.21	K0	III	5100	18309	-09 3711		-1	-0.3	-10289
-10290	2 0 0 0 2 0 1 1 0 0	6.00	M7	G	5101	18312	-06 3837	S VIR	0	0.2	-10290
-10291	1 0 0 0 1 0 0 0 0 0	8.90	M1				-10 3725		1	0.3	-10291
-10292	1 0 0 0 2 0 2 0 0 0	8.10	MA				-09 3745		0	-0.1	-10292
-10293	1 0 0 0 1 0 1 0 0 0	5.16	M2	III	5150	18509	-07 3674		-2	-0.2	-10293
-10294	1 0 0 0 1 0 1 0 0 0	6.05	K5	G	5178	18630	-08 3639		-3	0.2	-10294
-10295	1 0 0 0 1 0 2 0 0 0	6.92	K5			18823	-08 3667		1	-0.1	-10295
-10296	0 1 0 0 1 0 0 0 0 0										-10296
-10297	0 1 0 0 1 0 0 0 0 0	6.69	M3			19040	-13 3824		-3	0.3	-10297
-10298	1 0 0 0 1 0 1 0 0 0	8.20	MB				-08 3705		-1	0.3	-10298
-10299	1 0 0 0 2 0 1 0 0 0	8.70	M3			19138	-09 3870		-1	0.4	-10299
-10300	1 0 0 0 3 0 1 0 0 0	4.16	K3	III	5315	19168	-09 3878		-1	0.3	-10300

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-10301	14 10 25	-13 37.3	2	0.12	0.3	0.1	1.52	0.06	1.00	4.46	-	-	Q	2.94	-		2	2	-10301
-10302	14 13 23	-5 45.9	1	3.44	0.3	0.6	2.83	0.08	1.87	3.74	0.05	1.41		0.91	0.09		5	5	-10302
-10303	14 15 19	-14 28.2	2	0.12	0.3	0.5	1.39	0.06	0.06	4.98	0.08	0.06		3.59	0.10		2	2	-10303
-10304	14 16 27	-13 11.9	1	0.19	0.3	0.7	1.44	0.05	1.59	4.20	-	-	Q	2.76	-		3	3	-10304
-10305	14 16 33	-14 10.4	2	0.25	0.5	0.2	2.28	0.07	0.50	5.14	0.08	0.06		2.86	0.11		2	2	-10305
-10306	14 26 4	-6 40.6	2	1.50	0.3	1.1	1.94	0.06	1.31	4.18	0.08	0.19		2.24	0.10		3	3	-10306
-10307	14 54 5	-11 12.4	2	0.63	0.3	0.1	2.04	0.06	0.06	4.33	0.10	0.06		2.29	0.12		2	2	-10307
-10308	14 55 5	-12 13.5	2	0.12	0.3	2.0	0.18	0.07	0.06	3.68	0.08	0.56		3.50	0.11		2	2	-10308
-10309	14 57 49	-11 41.5	2	0.25	0.3	0.1	2.64	0.07	0.19	5.63	0.07	0.50		2.99	0.10		2	2	-10309
-10310	15 0 56	-7 22.7	1	1.12	0.3	0.7	2.82	0.07	0.37	5.69	0.05	1.56		2.87	0.09		6	5	-10310
-10311	15 2 10	-7 49.8	2	2.75	0.3	0.5	2.32	0.07	0.50	6.08	0.10	-		3.76	0.12		4	1	-10311
-10312	15 4 41	-14 28.9	2	2.81	0.3	0.2	2.75	0.10	0.56	5.94	0.26	-		3.19	0.28		3	1	-10312
-10313	15 11 35	-14 1.5	2	0.19	0.7	0.4	2.32	0.10	0.37	4.90	0.08	1.78		2.58	0.13		3	3	-10313
-10314	15 12 11	-5 18.7	2	6.00	0.3	2.0	2.73	0.08	0.63	5.05	0.06	1.31		2.32	0.10		4	3	-10314
-10315	15 14 18	-9 12.1	2	0.19	0.5	1.9	2.71	0.08	0.94	2.88	0.05	0.28		0.17	0.09		3	3	-10315
-10316	15 15 29	-9 57.4	1	1.75	0.3	2.8	2.83	0.07	2.75	6.62	0.08	0.63		3.79	0.11		4	4	-10316
-10317	15 16 39	-8 58.0	1	5.25	0.3	0.2	0.98	0.04	0.50	4.20	0.07	0.25		3.22	0.08		4	4	-10317
-10318	15 16 59	-10 27.1	1	3.12	0.3	4.7	2.29	0.05	1.09	6.24	0.06	2.50		3.95	0.08		5	5	-10318
-10319	15 20 14	-14 57.5	2	0.12	0.5	0.6	2.47	0.09	0.19	4.80	0.08	-		2.33	0.12		2	1	-10319
-10320	15 22 32	-5 44.8	2	3.56	0.3	0.4	2.55	0.07	0.09	5.54	0.06	1.41		2.99	0.09		3	3	-10320
-10321	15 24 55	-14 46.5	2	0.12	0.5	0.1	2.88	0.14	0.19	5.56	0.09	1.06		2.68	0.17		2	2	-10321
-10322	15 31 28	-9 54.3	1	2.06	0.3	1.7	2.29	0.06	1.87	3.88	0.07	0.56		1.59	0.09		3	3	-10322
-10323	15 32 43	-14 37.6	2	0.25	0.3	1.1	1.45	0.08	0.06	2.99	0.09	0.12		1.54	0.12		2	2	-10323
-10324	15 38 19	-12 6.3	3	0.12	0.8	1.4	2.98	0.18	0.06	7.14	0.13	0.06		4.16	0.22		2	2	-10324
-10325	15 44 39	-10 8.5	2	1.75	0.5	1.0	2.81	0.10	3.50	5.90	0.06	1.97		3.09	0.12		4	3	-10325
-10326	15 51 44	-10 43.6	2	2.50	0.3	0.2	2.07	0.06	0.06	7.03	0.16	-		4.96	0.17		2	1	-10326
-10327	15 52 49	-12 43.0	2	0.25	0.5	0.1	2.66	0.08	1.81	6.72	0.10	1.37		4.06	0.13		2	2	-10327
-10328	15 55 41	-13 17.5	2	0.75	0.5	0.4	2.93	0.10	1.03	5.70	0.09	0.31		2.77	0.13		3	2	-10328
-10329	15 57 39	-12 12.2	2	0.12	0.5	0.9	2.68	0.10	0.12	8.35	0.32	0.25		5.67	0.34		2	2	-10329
-10330	16 1 39	-11 43.4	2	1.00	0.5	0.2	2.87	0.09	0.31	5.87	0.07	0.12		3.00	0.11		2	2	-10330
-10331	16 8 53	-13 51.3	2	0.94	0.5	0.7	2.95	0.10	1.69	6.32	0.08	0.28		3.37	0.13		3	3	-10331
-10332	16 10 23	-14 59.4	2	2.06	0.5	0.9	2.84	0.09	1.22	5.65	0.07	0.37		2.81	0.11		3	3	-10332
-10333	16 10 29	-10 12.5	1	0.50	0.3	1.7	2.32	0.05	0.25	5.99	0.06	3.50		3.67	0.08		4	4	-10333
-10334	16 11 5	-11 43.0	2	0.25	0.3	0.7	1.97	0.06	0.19	4.21	0.09	0.19		2.24	0.11		2	2	-10334
-10335	16 16 10	-14 45.3	2	2.25	0.3	0.7	2.15	0.05	0.56	4.62	0.06	0.66		2.47	0.08		3	3	-10335
-10336	16 17 2	-14 31.6	1	1.31	0.3	0.9	1.83	0.05	0.19	5.33	0.06	0.84		3.50	0.08		3	3	-10336
-10337	16 18 43	-7 35.4	2	0.94	0.3	0.3	2.65	0.08	8.28	8.07	0.20	7.12		5.42	0.22	K,I	5	4	-10337
-10338	16 20 17	-7 5.6	1	3.94	0.3	5.3	1.95	0.05	1.31	5.19	0.04	5.69		3.24	0.06		7	7	-10338
-10339	16 23 56	-12 19.1	2	0.25	0.5	1.5	1.71	0.06	1.87	6.49	0.07	9.75		4.78	0.09	I	4	3	-10339
-10340	16 25 2	-7 29.0	1	1.12	0.2	5.6	0.53	0.03	3.56	3.25	0.04	0.75		2.72	0.05		6	6	-10340
-10341	16 30 43	-14 3.3	2	0.75	0.3	2.8	2.18	0.06	1.22	5.81	0.07	0.66		3.63	0.09		3	3	-10341
-10342	16 30 43	-12 27.5	1	1.50	0.3	2.8	2.00	0.04	2.25	5.20	0.04	0.75		3.20	0.06		4	4	-10342
-10343	16 34 25	-10 28.2	2	1.69	0.3	3.4	2.61	0.07	0.75	2.75	0.05	0.28		0.14	0.09		3	3	-10343
-10344	16 36 6	-8 31.1	1	0.25	0.3	2.3	1.91	0.05	1.50	4.84	0.04	6.25		2.93	0.06	I	4	4	-10344
-10345	16 38 24	-11 44.4	2	0.19	0.3	0.2	2.41	0.06	0.19	5.42	0.07	0.50		3.01	0.09		3	2	-10345
-10346	16 41 52	-13 59.5	2	2.25	0.3	0.6	1.94	0.05	1.97	5.43	0.07	0.19		3.49	0.09		3	3	-10346
-10347	16 43 54	-11 33.1	2	2.25	0.3	0.7	0.74	0.05	3.00	6.61	0.08	12.28		5.87	0.09	I	4	3	-10347
-10348	16 49 26	-12 52.1	1	3.00	0.3	1.0	1.53	0.04	16.88	6.73	0.08	32.00		5.20	0.09	K,I	4	4	-10348
-10349	16 51 36	-6 38.1	2	0.19	0.5	0.2	2.74	0.08	1.12	6.03	0.06	0.09		3.29	0.10		3	3	-10349
-10350	16 51 50	-7 29.1	1	1.87	0.5	5.6	2.84	0.06	0.94	8.37	0.20	0.94		5.53	0.21		6	6	-10350

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-10301	0 1 0 0 1 0 0 0 0 0	7.18	M3			19175	-13 3845		-2	0.3	-10301
-10302	1 1 0 0 2 0 0 1 0 0	4.07	F7	IV	5338	19244	-05 3843		0	-0.1	-10302
-10303	0 1 0 0 1 0 0 0 0 0	9.00	M5				-14 3917	AN VIR	2	0.3	-10303
-10304	0 1 0 0 2 0 0 0 0 0	8.70	M5				-12 4019		-2	0.2	-10304
-10305	0 1 0 0 1 0 0 0 0 0	7.50	M1				-13 3869		1	0.3	-10305
-10306	1 0 0 0 1 0 0 1 0 0	5.74	K5	G	5410	19516	-06 4009		1	0.0	-10306
-10307	1 0 0 0 1 0 0 0 0 0	5.63	K4	III	5564	20096	-10 3989		1	0.2	-10307
-10308	0 1 0 0 1 0 0 0 0 0	7.56	M3			20124	-11 3841		2	0.7	-10308
-10309	1 0 0 0 1 0 0 0 0 0	8.10	M2				-11 3854		1	-0.9	-10309
-10310	1 0 0 0 3 0 1 1 0 0	8.10	M0			20249	-06 4124		-1	-0.2	-10310
-10311	1 1 0 0 1 0 1 0 0 0	8.70	MB				-07 3955		1	0.0	-10311
-10312	0 1 0 0 2 0 0 0 0 0	8.20	M0				-14 4121		2	0.4	-10312
-10313	0 1 0 0 2 0 0 0 0 0	7.05	M0			20479	-13 4111		3	-0.1	-10313
-10314	0 1 0 0 1 0 0 2 0 0	6.45	K2		5669	20491	-04 3840		-1	0.3	-10314
-10315	1 0 0 0 1 0 1 0 0 0	2.61	B8	V	5685	20539	-08 3935		-1	-0.1	-10315
-10316	1 0 0 0 2 0 1 0 0 0										-10316
-10317	1 1 0 0 1 0 1 0 0 0	7.49	M3			20588	-08 3947		-1	-0.1	-10317
-10318	1 0 0 0 3 0 1 0 0 0										-10318
-10319	0 1 0 0 1 0 0 0 0 0	6.74	K2			20683	-14 4188		0	-0.1	-10319
-10320	0 1 0 0 1 0 0 1 0 0	7.70	MA				-05 4070		4	-0.1	-10320
-10321	0 1 0 0 1 0 0 0 0 0	7.90	K2				-14 4208		1	0.4	-10321
-10322	1 0 0 0 1 0 1 0 0 0	4.62	K1	IV	5777	20914	-09 4171		1	-0.6	-10322
-10323	0 1 0 0 1 0 0 0 0 0	3.90	G8	III	5787	20949	-14 4237		0	-0.2	-10323
-10324	0 1 0 0 1 0 0 0 0 0										-10324
-10325	1 0 0 0 2 0 1 0 0 0	7.80	K5				-09 4230		0	0.0	-10325
-10326	1 0 0 0 1 0 0 0 0 0										-10326
-10327	0 1 0 0 1 0 0 0 0 0							SW LIB	1	-0.6	-10327
-10328	0 1 0 0 2 0 0 0 0 0	7.22	K2			21444	-13 4305		1	0.5	-10328
-10329	0 1 0 0 1 0 0 0 0 0										-10329
-10330	1 0 0 0 1 0 0 0 0 0	7.40	K5				-11 4056		-1	-0.1	-10330
-10331	0 2 0 0 1 0 0 0 0 0	8.80	M2				-13 4367		0	-0.9	-10331
-10332	0 2 0 0 1 0 0 0 0 0	8.00	K5				-14 4370		2	0.0	-10332
-10333	1 0 0 0 2 0 1 0 0 0	8.80	MB				-09 4329	BR SCO	0	0.2	-10333
-10334	1 0 0 0 1 0 0 0 0 0	5.50	K3	III	6048	21828	-11 4096		0	-0.3	-10334
-10335	0 2 0 0 1 0 0 0 0 0	6.06	K4	G	6078	21934	-14 4398		-2	-0.1	-10335
-10336	0 2 0 0 1 0 0 0 0 0	8.80	M2				-14 4401		0	-0.2	-10336
-10337	1 1 0 0 2 0 1 0 0 0							W OPH	0	-0.4	-10337
-10338	1 1 0 0 2 0 2 1 0 0	7.50	MB				-06 4419		-2	0.0	-10338
-10339	0 2 0 0 1 0 0 1 0 0	6.90	N3E			22115	-12 4510	V OPH	-1	-0.2	-10339
-10340	0 1 0 0 3 0 1 1 0 0	5.45	M2	III	6128	22133	-07 4292		0	0.1	-10340
-10341	0 2 0 0 1 0 0 0 0 0	8.80	K5				-13 4453		2	0.4	-10341
-10342	0 2 0 0 1 0 0 1 0 0	7.60	K5			22261	-12 4546		-1	-0.1	-10342
-10343	1 0 0 0 2 0 0 0 0 0	2.56	O9	V	6175	22332	-10 4350		0	-0.2	-10343
-10344	0 1 0 0 2 0 1 0 0 0	6.75	K5			22375	-08 4282		1	0.1	-10344
-10345	1 0 0 0 1 0 0 1 0 0	7.03	K5			22436	-11 4190		3	0.2	-10345
-10346	0 2 0 0 1 0 0 0 0 0	7.90	M1				-13 4495		-2	-0.2	-10346
-10347	1 0 0 0 2 0 0 1 0 0							V446 OPH	1	0.4	-10347
-10348	0 2 0 0 1 0 0 1 0 0										-10348
-10349	0 1 0 0 1 0 0 1 0 0	8.00	K5				-06 4513		-1	-0.2	-10349
-10350	0 1 0 0 3 0 1 1 0 0										-10350

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-10351	16	51	58	-6	4.3	2	5.62	0.5	2.5	2.75	0.07	3.28	4.55	0.05	5.00		1.80	0.09		5	5	-10351
-10352	16	54	2	-10	19.4	1	2.25	0.3	2.3	1.94	0.05	1.12	6.80	0.07	7.31		4.86	0.09		6	6	-10352
-10353	16	55	9	-9	28.0	1	2.00	0.3	3.8	2.75	0.06	8.00	7.99	0.18	9.25		5.24	0.19	K,I	4	4	-10353
-10354	16	56	53	-7	32.0	2	2.00	0.3	1.2	2.71	0.07	0.75	7.24	0.10	2.62		4.53	0.12		4	4	-10354
-10355	16	57	29	-10	32.8	2	2.25	0.7	2.5	2.91	0.08	14.50	8.44	0.50	-		5.53	0.51	K	4	1	-10355
-10356	17	3	26	-10	25.0	1	1.50	0.3	2.3	2.66	0.06	30.94	6.96	0.07	48.00		4.30	0.09	K,I	6	6	-10356
-10357	17	8	2	-11	41.9	2	0.19	0.3	0.2	2.72	0.07	1.12	6.64	0.08	0.09		3.92	0.11		3	3	-10357
-10358	17	10	13	-14	46.5	2	1.25	0.5	0.9	2.71	0.09	0.06	6.41	0.11	0.12		3.70	0.14		2	2	-10358
-10359	17	10	17	-10	31.1	1	2.62	0.2	6.6	0.33	0.03	6.34	5.20	0.05	23.50		4.87	0.06	I	7	4	-10359
-10360	17	11	19	-14	56.5	2	1.87	0.5	0.1	2.63	0.10	1.75	7.49	0.21	-		4.86	0.23		2	1	-10360
-10361	17	12	20	-9	53.6	1	1.50	0.3	3.8	2.75	0.07	17.25	7.70	0.15	4.87		4.95	0.17	K	4	4	-10361
-10362	17	15	1	-11	56.4	2	4.69	0.3	3.9	3.22	0.10	11.72	8.02	0.22	3.37		4.80	0.24	K	3	3	-10362
-10363	17	15	33	-9	42.4	1	2.25	0.3	1.0	3.00	0.07	0.87	7.18	0.10	2.62		4.18	0.12		4	4	-10363
-10364	17	16	11	-9	21.0	2	2.00	0.5	14.5	2.83	0.08	0.75	7.38	0.12	2.37		4.55	0.14		4	4	-10364
-10365	17	18	50	-14	33.5	2	0.12	0.5	0.1	2.10	0.07	0.06	6.79	0.12	0.31		4.69	0.14		2	2	-10365
-10366	17	19	14	-13	5.9	1	5.25	0.3	4.4	1.85	0.05	3.28	6.32	0.06	6.19		4.47	0.08		7	6	-10366
-10367	17	21	53	-6	55.3	2	2.81	0.3	2.4	2.59	0.08	1.12	6.69	0.08	0.28		4.10	0.11		3.	3	-10367
-10368	17	24	40	-6	11.2	2	0.12	0.5	0.1	2.73	0.16	3.44	7.40	0.24	-		4.67	0.29	K	2	1	-10368
-10369	17	26	33	-7	25.4	1	1.75	0.2	2.2	0.24	0.03	1.97	5.40	0.04	10.28		5.16	0.05		7	7	-10369
-10370	17	32	11	-7	12.7	1	1.25	0.2	1.9	2.10	0.05	0.47	6.20	0.05	6.72		4.10	0.07		5	5	-10370
-10371	17	32	36	-11	30.4	1	3.37	0.3	0.2	2.50	0.06	0.19	6.22	0.07	0.37		3.72	0.09		3	3	-10371
-10372	17	32	49	-14	15.9	2	0.87	0.3	1.9	1.94	0.06	0.06	6.35	-	-	Q	4.41	-		2	2	-10372
-10373	17	35	23	-10	54.0	2	0.75	0.3	1.5	2.86	0.07	3.00	4.93	0.04	1.87		2.07	0.08		4	4	-10373
-10374	17	35	37	-14	4.6	2	2.00	0.5	3.8	2.68	0.11	0.25	5.76	0.09	0.25		3.08	0.14		2	2	-10374
-10375	17	39	7	-6	26.2	1	0.75	0.3	3.0	2.23	0.05	1.00	7.95	0.15	0.25		5.72	0.16		4	4	-10375
-10376	17	41	16	-6	15.7	2	0.75	0.3	2.5	2.82	0.07	0.63	7.45	0.10	0.37		4.63	0.12		4	4	-10376
-10377	17	41	29	-12	11.2	2	0.56	0.5	0.2	2.93	0.12	1.22	6.84	0.12	0.06		3.91	0.17		3	2	-10377
-10378	17	41	51	-7	49.9	2	1.00	0.3	2.3	1.73	0.04	1.75	5.50	0.05	10.87		3.77	0.06	I	4	4	-10378
-10379	17	43	1	-14	0.6	2	1.50	0.3	0.6	2.12	0.06	0.12	5.37	0.09	0.44		3.25	0.11		2	2	-10379
-10380	17	46	13	-9	7.5	1	3.12	0.3	3.1	2.23	0.06	1.09	6.48	0.06	6.56		4.25	0.08		5	5	-10380
-10381	17	48	28	-8	0.7	1	7.75	0.3	0.5	2.29	0.05	28.25	9.17	0.55	0.09		6.88	0.55	K	4	3	-10381
-10382	17	49	57	-6	7.6	2	4.06	0.3	1.6	2.73	0.08	3.91	4.94	0.04	6.41		2.21	0.09		5	5	-10382
-10383	17	50	14	-13	16.9	2	2.00	0.3	1.0	2.70	0.07	0.12	7.90	0.20	0.09		5.20	0.21		4	3	-10383
-10384	17	51	49	-10	14.4	1	3.00	0.3	9.7	2.53	0.05	2.25	7.94	0.16	0.78		5.41	0.17		6	5	-10384
-10385	17	52	43	-13	37.1	2	7.50	0.5	3.0	2.55	0.10	0.75	7.51	0.15	1.31		4.96	0.18		4	3	-10385
-10386	17	53	14	-12	52.4	2	2.44	0.3	2.8	2.64	0.08	0.84	7.54	0.15	0.19		4.90	0.17		3	3	-10386
-10387	17	56	17	-9	46.6	2	3.19	0.3	2.6	1.18	0.05	0.75	2.59	0.05	0.66		1.41	0.07		3	3	-10387
-10388	17	56	20	-6	38.6	2	1.50	0.3	0.2	2.41	0.07	2.25	5.82	0.07	0.56		3.41	0.10		4	2	-10388
-10389	17	56	40	-6	6.6	1	8.75	0.3	1.6	2.07	0.05	1.25	5.48	0.04	9.06		3.41	0.06	I	5	5	-10389
-10390	17	58	37	-12	54.1	2	1.50	0.3	1.2	2.66	0.08	2.12	6.89	0.08	2.62		4.23	0.11		4	4	-10390
-10391	17	59	31	-12	19.2	2	0.19	0.5	0.6	1.72	0.06	0.75	5.19	0.07	0.06		3.47	0.09		3	2	-10391
-10392	17	59	37	-14	30.0	2	4.31	0.5	0.2	2.81	0.10	0.09	7.36	0.19	-		4.55	0.21		3	1	-10392
-10393	18	0	45	-13	15.5	1	1.25	0.3	4.1	2.42	0.05	0.78	6.32	0.06	1.41		3.90	0.08		5	5	-10393
-10394	18	1	34	-12	44.6	2	0.56	0.3	0.6	1.87	0.05	0.37	6.57	0.08	0.28		4.70	0.09		3	3	-10394
-10395	18	3	59	-8	13.4	1	0.94	0.3	5.9	2.07	0.04	7.19	8.85	0.40	0.09		6.78	0.40		5	3	-10395
-10396	18	4	5	-9	42.3	2	0.25	0.3	2.0	2.44	0.06	30.25	9.94	0.75	-		7.50	0.75	K	4	1	-10396
-10397	18	4	10	-14	37.4	2	0.37	1.3	0.1	2.98	0.13	0.06	7.73	0.26	0.31		4.75	0.29		2	2	-10397
-10398	18	6	53	-13	56.9	2	1.37	0.5	0.2	2.90	0.12	0.06	5.13	0.08	1.00		2.23	0.14		2	2	-10398
-10399R	18	6	59	-11	43.9	2	1.87	0.5	0.2	2.96	0.08	1.78	5.82	-	-	Q	2.86	-		3	3	-10399
-10400	18	7	39	-6	52.3	2	4.37	0.3	1.9	2.94	0.07	6.41	8.84	0.39	1.12		5.90	0.40		5	3	-10400

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM		VAR	DA S	DD M	NO.
-10351	0 2 0 0 1 0 0 2 0 0	5.35	K2	III	6280	22783	-05	4374		2	0.2	-10351
-10352	1 0 0 0 3 0 1 1 0 0											-10352
-10353	1 0 0 0 2 0 1 0 0 0											-10353
-10354	0 1 0 0 1 0 1 1 0 0											-10354
-10355	1 0 0 0 1 0 1 1 0 0											-10355
-10356	1 0 0 0 3 0 1 1 0 0								V850 OPH	1	0.1	-10356
-10357	1 0 0 0 1 0 0 1 0 0											-10357
-10358	0 1 0 0 1 0 0 0 0 0											-10358
-10359	1 0 0 0 4 0 1 1 0 0											-10359
-10360	0 1 0 0 1 0 0 0 0 0											-10360
-10361	1 0 0 0 2 0 1 0 0 0								V505 OPH	0	0.3	-10361
-10362	1 0 0 0 1 0 0 1 0 0								RV SER	-3	0.1	-10362
-10363	1 0 0 0 2 0 1 0 0 0											-10363
-10364	1 0 0 0 2 0 1 0 0 0											-10364
-10365	0 1 0 0 1 0 0 0 0 0											-10365
-10366	0 2 0 0 3 0 0 2 0 0								AB SER	1	0.2	-10366
-10367	0 1 0 0 1 0 0 1 0 0											-10367
-10368	0 0 0 0 1 0 0 1 0 0								AK OPH	0	-0.4	-10368
-10369	0 1 0 0 3 0 1 2 0 0											-10369
-10370	0 1 0 0 2 0 1 1 0 0											-10370
-10371	1 0 0 0 1 0 0 1 0 0	8.50	K5				-11	4414		0	-0.3	-10371
-10372	0 1 0 0 1 0 0 0 0 0											-10372
-10373	2 0 0 0 1 0 0 1 0 0	5.92	K0	G	6568	23897	-10	4528		0	-0.1	-10373
-10374	0 1 0 0 1 0 0 0 0 0	8.20	M1				-14	4707		3	0.0	-10374
-10375	0 1 0 0 1 0 0 2 0 0											-10375
-10376	0 1 0 0 1 0 0 2 0 0	8.80	BP				-06	4638	XX OPH	0	-0.8	-10376
-10377	0 0 0 0 2 0 0 1 0 0											-10377
-10378	0 1 0 0 2 0 1 0 0 0	8.50	MB				-07	4492		-1	0.3	-10378
-10379	0 1 0 0 1 0 0 0 0 0	8.60	M3				-13	4741		2	-0.4	-10379
-10380	1 1 0 0 2 0 1 0 0 0											-10380
-10381	0 1 0 0 2 0 1 0 0 0											-10381
-10382	0 3 0 0 1 0 0 1 0 0	6.10	F8	II	6661	24288	-06	4672	Y OPH	-2	0.3	-10382
-10383	0 1 0 0 2 0 0 1 0 0											-10383
-10384	1 0 0 0 4 0 0 1 0 0											-10384
-10385	0 1 0 0 3 0 0 0 0 0											-10385
-10386	0 1 0 0 1 0 0 1 0 0											-10386
-10387	1 0 0 0 2 0 0 0 0 0	3.34	G9	III	6698	24468	-09	4632		1	-0.5	-10387
-10388	0 1 0 0 2 0 0 1 0 0	7.80	K5				-06	4688		0	-0.1	-10388
-10389	0 3 0 0 1 0 0 1 0 0	8.20	MA				-06	4690		-2	-0.1	-10389
-10390	0 1 0 0 2 0 0 1 0 0											-10390
-10391	0 1 0 0 1 0 0 1 0 0	7.90	M3				-12	4902		-3	-0.1	-10391
-10392	0 1 0 0 2 0 0 0 0 0											-10392
-10393	0 1 0 0 3 0 0 1 0 0											-10393
-10394	0 1 0 0 1 0 0 1 0 0											-10394
-10395	0 1 0 0 3 0 1 0 0 0											-10395
-10396	1 0 0 0 3 0 0 0 0 0											-10396
-10397	0 1 0 0 1 0 0 0 0 0											-10397
-10398	0 1 0 0 1 0 0 0 0 0	6.50	K0		6785	24750	-13	4863		0	-0.2	-10398
-10399R	1 0 0 0 1 0 0 1 0 0	7.63	K2			24752	-11	4545		1	0.2	-10399
-10400	0 1 0 0 2 0 0 2 0 0											-10400

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-10401	18	7	40	-10	34.9	2	0.63	0.5	0.3	2.19	0.07	36.72	8.06	0.21	4.22		5.87	0.22	K	5	3	-10401
-10402	18	7	42	-7	19.7	1	5.06	0.2	8.4	1.84	0.03	2.25	7.27	0.09	3.75		5.43	0.09		9	6	-10402
-10403	18	8	0	-6	6.4	1	6.12	0.3	3.1	2.80	0.07	0.66	7.29	0.09	5.06		4.49	0.11		7	6	-10403
-10404	18	9	3	-7	27.0	1	16.25	0.3	2.5	2.96	0.06	2.81	8.13	0.16	0.75		5.17	0.17		10	6	-10404
-10405	18	9	6	-14	55.4	2	3.00	0.3	4.5	2.32	0.09	0.69	6.55	-	-	Q	4.23	-		2	2	-10405
-10406	18	10	30	-10	29.9	1	3.12	0.3	0.9	2.52	0.05	2.19	7.78	0.15	0.87		5.26	0.16		5	4	-10406
-10407	18	11	37	-6	57.6	2	6.00	0.5	0.2	2.83	0.11	0.87	8.61	0.39	0.06		5.78	0.41		4	2	-10407
-10408	18	12	21	-6	48.0	1	3.44	0.3	1.6	2.70	0.06	0.94	6.44	0.05	1.87		3.74	0.08		5	5	-10408
-10409	18	15	31	-13	27.4	1	6.12	0.2	5.7	1.70	0.04	2.19	6.19	0.05	1.87		4.49	0.06		7	6	-10409
-10410	18	17	2	-12	19.6	1	9.37	0.3	9.7	1.61	0.04	2.66	6.42	0.10	4.75		4.81	0.11		5	4	-10410
-10411	18	17	34	-14	8.4	2	0.12	0.3	1.1	1.99	0.07	1.56	8.21	0.30	0.25		6.22	0.31		2	2	-10411
-10412	18	17	56	-13	46.9	2	3.00	0.3	0.1	2.44	0.08	1.87	8.32	-	-	Q	5.88	-		2	2	-10412
-10413	18	19	31	-11	36.9	1	0.94	0.3	14.4	2.91	0.07	0.47	8.63	0.26	0.16		5.72	0.27		5	5	-10413
-10414	18	20	28	-13	44.1	2	4.69	0.3	0.6	0.78	0.06	0.84	5.97	0.09	2.06		5.19	0.11		3	2	-10414
-10415	18	20	35	-12	42.6	1	6.56	0.3	1.2	2.15	0.04	0.63	7.22	0.10	1.12		5.07	0.11		5	4	-10415
-10416	18	20	51	-12	53.8	2	2.50	0.3	0.6	2.63	0.08	3.44	7.82	0.16	0.87		5.19	0.18		5	4	-10416
-10417	18	20	55	-8	57.1	1	15.75	0.3	5.5	2.43	0.06	2.50	4.00	0.07	0.09		1.57	0.09		4	3	-10417
-10418	18	22	19	-6	53.0	1	4.69	0.3	3.4	2.96	0.09	0.78	5.74	0.04	2.81		2.78	0.10		5	5	-10418
-10419	18	22	47	-13	47.9	2	0.12	0.5	2.6	2.58	0.15	0.44	7.41	0.33	-		4.83	0.36		2	1	-10419
-10420	18	23	35	-10	4.9	1	1.56	0.3	9.1	2.36	0.06	0.63	6.97	0.08	5.16		4.61	0.10		5	5	-10420
-10421	18	23	52	-7	48.4	1	0.25	0.3	0.7	2.70	0.07	2.87	7.95	0.29	-		5.25	0.30		4	1	-10421
-10422	18	24	48	-12	29.7	1	10.50	0.2	3.4	0.96	0.03	2.81	5.50	0.04	18.38		4.54	0.05	I	6	6	-10422
-10423	18	24	52	-7	44.5	1	0.25	0.3	3.0	2.84	0.07	1.37	8.31	0.24	1.00		5.47	0.25		4	4	-10423
-10424	18	25	1	-8	42.4	2	0.56	0.3	0.9	2.10	0.05	5.25	6.65	0.13	-		4.55	0.14	K	3	1	-10424
-10425	18	25	17	-13	5.0	1	5.62	0.3	2.3	2.04	0.05	3.00	7.17	0.08	11.25		5.13	0.09	I	6	6	-10425
-10426	18	26	16	-11	34.1	1	4.06	0.3	0.6	2.73	0.06	1.09	8.94	0.41	0.09		6.21	0.41		5	3	-10426
-10427	18	26	26	-9	28.7	2	0.56	0.3	1.3	2.64	0.07	0.47	8.05	0.22	0.47		5.41	0.23		3	3	-10427
-10428	18	26	56	-11	11.9	1	17.50	0.3	0.3	2.37	0.05	3.28	7.86	0.14	0.47		5.49	0.15		5	5	-10428
-10429	18	27	29	-8	14.1	2	2.25	0.5	4.8	2.84	0.09	1.25	7.93	0.23	0.06		5.09	0.25		4	2	-10429
-10430	18	28	22	-8	27.2	1	2.00	0.3	4.8	2.03	0.05	0.12	6.74	0.08	2.37		4.71	0.09		4	4	-10430
-10431	18	28	26	-9	24.6	2	0.19	0.3	0.7	2.24	0.06	0.09	7.23	0.11	3.66		4.99	0.13		3	3	-10431
-10432	18	29	36	-9	57.6	2	2.81	0.3	6.0	2.29	0.06	24.00	6.65	0.08	24.00		4.36	0.10	K,I	3	3	-10432
-10433	18	29	49	-14	54.0	1	6.00	0.3	0.7	1.02	0.05	0.09	3.69	0.07	0.84		2.67	0.09		3	3	-10433
-10434	18	30	30	-7	29.0	1	0.87	0.2	3.5	2.47	0.04	2.41	8.83	0.30	0.31		6.36	0.30		7	5	-10434
-10435	18	30	31	-14	8.6	2	0.12	0.5	0.1	1.72	0.07	0.56	5.20	0.08	0.31		3.48	0.11		2	2	-10435
-10436R	18	31	24	-13	6.9	2	2.50	0.3	1.6	2.42	0.06	1.56	5.53	-	-	Q	3.11	-		5	5	-10436
-10437	18	32	8	-7	43.4	1	1.87	0.3	3.8	2.82	0.07	1.72	7.53	0.12	0.78		4.71	0.14		5	5	-10437
-10438	18	32	28	-8	16.9	1	0.94	0.3	0.6	0.87	0.05	0.19	2.73	0.05	1.41		1.86	0.07		3	3	-10438
-10439	18	32	49	-8	44.3	2	1.69	0.5	1.3	2.76	0.07	0.37	6.41	0.07	2.44		3.65	0.10		3	3	-10439
-10440	18	33	35	-8	55.4	2	1.12	0.3	0.6	2.73	0.08	0.28	7.02	0.10	1.22		4.29	0.13		3	3	-10440
-10441	18	34	23	-7	39.0	1	9.75	0.3	4.5	1.74	0.05	0.75	6.22	0.06	3.75		4.48	0.08		6	5	-10441
-10442	18	35	13	-6	54.9	1	12.81	0.3	3.1	2.57	0.06	0.94	6.66	0.11	6.00		4.09	0.13	I	5	3	-10442
-10443	18	35	18	-12	24.9	1	4.69	0.2	1.6	1.79	0.04	0.63	6.61	0.06	8.28		4.82	0.07	I	5	5	-10443
-10444	18	35	41	-14	53.1	2	0.37	0.3	4.7	2.52	0.08	1.50	7.74	0.19	1.69		5.22	0.21		3	2	-10444
-10445	18	35	43	-10	3.1	2	0.75	0.3	2.8	2.71	0.07	1.37	6.94	0.11	2.06		4.23	0.13		4	3	-10445
-10446	18	36	1	-13	49.0	2	0.63	0.3	0.1	1.54	0.06	0.75	5.13	0.08	0.56		3.59	0.10		2	2	-10446
-10447	18	36	41	-6	3.4	1	4.50	0.2	12.0	2.80	0.06	2.44	8.78	0.75	-		5.98	0.75		6	1	-10447
-10448	18	36	49	-11	13.7	2	0.50	0.5	0.5	3.00	0.09	0.12	9.58	-	-	Q	6.58	-		4	2	-10448
-10449	18	37	19	-7	50.0	2	0.75	0.5	0.2	2.16	0.06	0.66	4.55	0.07	0.37		2.39	0.09		3	2	-10449
-10450	18	37	35	-5	45.8	1	3.00	0.3	1.2	2.94	0.08	8.50	9.33	0.29	24.00		6.39	0.30	K,I	4	3	-10450

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
-10401	1 0 0 0 3 0 0 1 0 0											-10401
-10402	0 1 0 0 5 0 1 2 0 0											-10402
-10403	0 3 0 0 2 0 0 2 0 0											-10403
-10404	0 2 0 0 5 0 1 2 0 0											-10404
-10405	0 1 0 0 1 0 0 0 0 0											-10405
-10406	1 0 0 0 3 0 0 1 0 0											-10406
-10407	0 1 0 0 2 0 0 1 0 0											-10407
-10408	0 1 0 0 2 0 0 2 0 0	8.60	K5				-06	4729		-2	-0.1	-10408
-10409	0 1 0 0 4 0 0 2 0 0	8.80	B8				-13	4919		-2	-3.0	-10409
-10410	0 1 0 0 2 0 0 2 0 0											-10410
-10411	0 1 0 0 1 0 0 0 0 0											-10411
-10412	0 1 0 0 1 0 0 0 0 0											-10412
-10413	1 1 0 0 2 0 0 1 0 0											-10413
-10414	0 1 0 0 1 0 0 1 0 0											-10414
-10415	0 1 0 0 2 0 0 2 0 0								FR SCT	0	0.0	-10415
-10416	0 1 0 0 2 0 0 2 0 0											-10416
-10417	0 1 0 0 3 0 0 0 0 0	4.68	K0	III	6884	25101	-09	4712		0	0.6	-10417
-10418	0 0 0 0 2 0 0 3 0 0											-10418
-10419	0 1 0 0 1 0 0 0 0 0											-10419
-10420	1 0 0 0 3 0 0 1 0 0											-10420
-10421	0 1 0 0 3 0 0 0 0 0											-10421
-10422	0 1 0 0 2 0 0 3 0 0								UY SCT	-1	0.1	-10422
-10423	0 1 0 0 3 0 0 0 0 0											-10423
-10424	0 1 0 0 2 0 0 0 0 0											-10424
-10425	0 1 0 0 3 0 0 2 0 0											-10425
-10426	0 1 0 0 2 0 0 2 0 0											-10426
-10427	1 0 0 0 2 0 0 0 0 0											-10427
-10428	1 1 0 0 2 0 0 1 0 0											-10428
-10429	0 1 0 0 3 0 0 0 0 0											-10429
-10430	0 1 0 0 3 0 0 0 0 0											-10430
-10431	1 0 0 0 2 0 0 0 0 0								BP SCT	1	-0.3	-10431
-10432	1 0 0 0 2 0 0 0 0 0								VW SCT	-2	-0.2	-10432
-10433	0 1 0 0 1 1 0 0 0 0	5.88	K5	C	6959	25310	-14	5099		-3	0.2	-10433
-10434	0 1 0 0 5 0 0 1 0 0											-10434
-10435	0 1 0 0 1 0 0 0 0 0	9.00	K5				-14	5105		-2	0.1	-10435
-10436R	0 1 0 0 2 0 0 2 0 0	8.60	K5				-13	5032		-3	-0.6	-10436
-10437	0 1 0 0 4 0 0 0 0 0											-10437
-10438	0 1 0 0 2 0 0 0 0 0	3.84	K3	III	6973	25385	-08	4638		-2	0.0	-10438
-10439	0 1 0 0 2 0 0 0 0 0	8.40	K2				-08	4639		1	-0.3	-10439
-10440	0 1 0 0 2 0 0 0 0 0											-10440
-10441	0 1 0 0 4 0 0 1 0 0								RX SCT	1	-0.2	-10441
-10442	0 1 0 0 2 0 0 2 0 0	8.20	K0				-06	4816		3	-3.1	-10442
-10443	0 1 0 0 2 0 0 2 0 0											-10443
-10444	0 1 0 0 1 1 0 0 0 0											-10444
-10445	1 0 0 0 2 0 0 1 0 0											-10445
-10446	0 1 0 0 1 0 0 0 0 0	8.20	K5				-13	5060		-2	0.3	-10446
-10447	0 1 0 0 2 0 0 3 0 0											-10447
-10448	0 0 0 0 2 0 0 2 0 0											-10448
-10449	0 1 0 0 2 0 0 0 0 0	6.08	K4	G	7007	25524	-07	4648		1	0.2	-10449
-10450	0 1 0 0 2 0 0 1 0 0											-10450

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-10451	18	38	1	-14	33.3	2	1.69	0.5	0.9	2.86	0.09	0.19	6.07	0.08	1.41		3.21	0.12		3	3	-10451
-10452	18	38	20	-5	42.6	1	3.12	0.3	4.7	2.90	0.07	1.41	6.80	0.08	1.25		3.90	0.11		5	4	-10452
-10453	18	38	38	-6	24.7	2	7.00	0.5	1.2	2.83	0.09	7.37	8.20	0.29	0.06		5.37	0.30	K	4	2	-10453
-10454	18	39	26	-5	4.8	1	3.75	0.2	8.7	2.02	0.05	3.12	7.26	0.10	3.50		5.24	0.11		5	4	-10454
-10455	18	39	38	-7	23.5	1	5.00	0.2	4.5	1.71	0.03	2.50	4.89	0.06	0.31		3.18	0.07		8	2	-10455
-10456	18	40	45	-11	23.4	1	15.37	0.2	4.1	2.28	0.05	2.06	5.22	0.04	1.31		2.94	0.06		6	6	-10456
-10457	18	40	49	-8	20.1	2	2.81	0.3	2.6	2.07	0.06	3.09	3.93	0.08	0.06		1.86	0.10		3	2	-10457
-10458	18	41	59	-6	35.3	1	2.50	0.2	7.8	2.11	0.04	0.63	5.03	0.04	5.87		2.92	0.06		5	4	-10458
-10459	18	41	59	-9	17.2	2	1.69	0.3	1.1	2.73	0.09	1.69	7.08	0.10	2.25		4.35	0.13		3	3	-10459
-10460	18	43	4	-5	38.8	1	4.12	0.2	4.9	2.56	0.05	1.87	6.73	0.07	4.12		4.17	0.09		6	4	-10460
-10461	18	44	50	-5	46.1	1	4.12	0.2	12.0	2.05	0.04	18.00	4.41	0.05	48.00		2.36	0.06	K,I	6	6	-10461
-10462	18	44	56	-12	23.0	2	3.50	0.3	4.0	1.71	0.05	0.37	5.07	0.04	0.25		3.36	0.06		4	4	-10462
-10463	18	45	30	-12	26.0	1	1.00	0.3	1.7	2.07	0.05	1.62	6.87	0.08	3.25		4.80	0.09		4	4	-10463
-10464	18	46	37	-9	48.3	2	3.94	0.3	0.9	2.88	0.08	0.28	7.77	0.18	1.03		4.89	0.20		3	3	-10464
-10465	18	46	59	-5	57.9	1	12.00	0.2	3.0	2.18	0.04	5.25	4.62	0.05	0.56		2.44	0.06		6	6	-10465
-10466	18	47	7	-9	42.8	2	1.69	0.3	0.2	2.79	0.09	5.62	8.41	0.33	1.44		5.62	0.34	K	3	2	-10466
-10467	18	47	38	-7	58.1	1	1.31	0.3	1.3	0.56	0.04	0.66	4.40	0.08	0.94		3.84	0.09		3	3	-10467
-10468	18	47	42	-13	37.8	2	3.75	0.5	0.4	2.64	0.09	0.37	5.09	0.06	3.28		2.45	0.11		3	3	-10468
-10469	18	48	11	-6	48.4	2	0.75	0.3	2.5	2.87	0.07	2.75	7.65	0.16	1.81		4.78	0.17		4	2	-10469
-10470	18	48	37	-12	41.4	2	4.25	0.3	1.5	2.99	0.07	0.25	8.03	0.18	0.37		5.04	0.19		4	4	-10470
-10471	18	49	47	-5	24.4	1	1.75	0.2	2.6	1.47	0.05	3.28	5.41	0.04	8.81		3.94	0.06		7	6	-10471
-10472	18	51	3	-12	41.5	1	0.25	0.3	0.5	3.13	0.08	7.50	7.92	0.17	2.62		4.79	0.19	K	4	4	-10472
-10473	18	52	1	-5	7.4	1	4.87	0.3	9.7	2.98	0.07	1.87	6.75	0.06	4.87		3.77	0.09		6	6	-10473
-10474	18	52	25	-12	48.1	2	1.00	0.3	4.8	2.97	0.07	2.50	6.76	0.07	1.00		3.79	0.10		4	4	-10474
-10475	18	52	44	-8	15.0	2	2.44	0.3	0.4	2.78	0.08	0.75	7.15	0.11	1.41		4.37	0.14		3	3	-10475
-10476	18	53	5	-10	26.2	1	4.81	0.3	2.6	2.86	0.05	0.44	7.20	0.07	2.19		4.34	0.09		7	7	-10476
-10477	18	53	12	-11	2.9	1	3.75	0.2	2.2	2.48	0.05	4.22	6.37	0.05	5.00		3.89	0.07		5	5	-10477
-10478	18	53	25	-14	19.9	2	1.31	0.3	1.5	2.89	0.10	0.19	6.97	0.11	2.25		4.08	0.15		3	3	-10478
-10479	18	53	49	-10	35.6	1	4.37	0.3	4.4	0.67	0.03	6.78	4.72	0.05	11.37		4.05	0.06	I	7	7	-10479
-10480	18	54	24	-5	54.6	1	2.00	0.3	0.2	2.33	0.06	0.75	4.12	0.06	1.12		1.79	0.08		4	4	-10480
-10481	18	54	37	-9	49.9	2	1.25	0.3	1.0	2.86	0.07	0.12	8.12	0.19	1.37		5.26	0.20		4	4	-10481
-10482	18	56	39	-12	49.9	1	5.00	0.2	6.6	1.02	0.03	5.47	5.49	0.04	40.00		4.47	0.05	I	5	5	-10482
-10483	18	59	1	-5	48.6	1	1.25	0.3	1.7	1.50	0.05	0.75	3.20	0.05	2.25		1.70	0.07		4	4	-10483
-10484	18	59	17	-6	48.6	2	0.94	0.3	1.3	2.95	0.08	0.66	8.05	0.19	0.09		5.10	0.21		3	3	-10484
-10485	19	1	14	-10	19.7	1	3.94	0.3	2.6	2.40	0.05	1.53	6.23	0.04	2.84		3.83	0.06		7	7	-10485
-10486	19	1	43	-5	45.6	1	0.25	0.3	0.5	-0.14	0.04	4.00	3.99	0.05	5.12		4.13	0.06		4	4	-10486
-10487	19	2	21	-7	12.7	1	3.75	0.2	2.6	2.28	0.05	2.81	6.42	0.07	0.37		4.14	0.09		6	3	-10487
-10488	19	2	43	-12	46.4	2	2.75	0.5	1.2	2.72	0.06	12.75	7.54	0.13	2.62		4.82	0.14	K	4	4	-10488
-10489	19	6	14	-12	26.4	2	9.37	0.3	1.6	2.94	0.08	4.53	8.34	0.21	14.22		5.40	0.22	I	5	5	-10489
-10490	19	8	46	-9	32.8	2	1.00	0.7	1.0	2.92	0.08	0.06	6.64	0.09	2.19		3.72	0.12		2	2	-10490
-10491	19	9	14	-11	47.4	1	1.56	0.3	4.7	2.98	0.06	1.25	6.81	0.07	0.50		3.83	0.09		5	4	-10491
-10492	19	10	23	-10	48.0	1	0.25	0.3	2.3	2.79	0.06	2.37	7.54	0.12	1.12		4.75	0.13		4	4	-10492
-10493	19	10	29	-12	21.6	2	1.00	0.5	1.7	2.06	0.05	0.25	4.31	0.07	0.50		2.25	0.09		4	4	-10493
-10494	19	11	4	-11	18.6	1	0.75	0.3	3.3	2.65	0.05	0.75	5.89	0.05	0.75		3.24	0.07		4	4	-10494
-10495	19	11	9	-5	34.9	2	2.00	0.3	0.5	2.18	0.05	1.75	6.87	0.08	0.12		4.69	0.09		4	4	-10495
-10496	19	11	27	-9	39.0	2	3.75	0.5	0.2	2.73	0.09	0.37	7.15	0.12	0.12		4.42	0.15		2	2	-10496
-10497	19	12	41	-7	8.6	1	7.44	0.3	2.6	0.84	0.04	49.22	6.85	0.07	48.00		6.01	0.08	K,I	7	6	-10497
-10498	19	13	40	-11	39.6	2	0.25	0.3	2.5	2.86	0.08	0.37	5.79	0.05	0.63		2.93	0.09		4	4	-10498
-10499	19	14	33	-7	56.8	2	2.25	0.5	4.1	2.89	0.09	0.56	6.94	0.10	0.66		4.05	0.13		3	3	-10499
-10500	19	15	27	-5	30.2	1	2.00	0.3	1.0	2.94	0.07	0.37	6.01	0.05	2.62		3.07	0.09		4	4	-10500

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-10451	0 1 0 0 1 1 0 0 0 0	8.50	K0			25546	-14 5152		-3	-0.1	-10451
-10452	0 1 0 0 2 0 0 2 0 0										-10452
-10453	0 1 0 0 1 0 0 2 0 0										-10453
-10454	0 1 0 0 2 0 0 2 0 0										-10454
-10455	0 1 0 0 6 0 0 1 0 0	7.12	M0			25581	-07 4664		2	-0.3	-10455
-10456	0 1 0 0 2 0 0 3 0 0	7.15	K5			25608	-11 4726		0	-0.1	-10456
-10457	0 1 0 0 2 0 0 0 0 0	4.88	G8	II	7032	25610	-08 4686		1	-0.5	-10457
-10458	0 1 0 0 2 0 0 2 0 0	7.02	K5			25644	-06 4869		0	0.1	-10458
-10459	1 0 0 0 2 0 0 0 0 0							AA SCT	-2	-0.6	-10459
-10460	0 1 0 0 2 0 0 3 0 0							CE SCT	-15	2.7	-10460
-10461	0 1 0 0 2 0 0 3 0 0	4.70	G0	II	7066	25735	-05 4760	R SCT	1	-0.5	-10461
-10462	0 1 0 0 1 0 0 2 0 0	7.30	K5				-12 5168		-1	0.1	-10462
-10463	0 1 0 0 1 0 0 2 0 0										-10463
-10464	1 0 0 0 2 0 0 0 0 0										-10464
-10465	0 2 0 0 2 0 0 2 0 0	6.22	K0		7083	25801	-06 4922		-2	0.4	-10465
-10466	1 0 0 0 2 0 0 0 0 0										-10466
-10467	0 1 0 0 2 0 0 0 0 0	7.00	C5		7089	25824	-08 4726	S SCT	0	-0.1	-10467
-10468	0 1 0 0 1 1 0 0 0 0	6.51	K2			25827	-13 5119		0	0.1	-10468
-10469	0 1 0 0 2 0 0 1 0 0							AI SCT	-1	-0.4	-10469
-10470	0 1 0 0 1 0 0 2 0 0										-10470
-10471	0 2 0 0 2 0 0 3 0 0	9.00	MA				-05 4792		-3	-0.4	-10471
-10472	0 1 0 0 1 0 0 2 0 0							SW SCT	-2	1.2	-10472
-10473	0 1 0 0 2 0 0 3 0 0										-10473
-10474	0 1 0 0 1 0 0 2 0 0							UV SCT	-11	2.9	-10474
-10475	0 1 0 0 2 0 0 0 0 0							T SCT	0	0.1	-10475
-10476	0 1 0 0 3 0 0 3 0 0										-10476
-10477	0 1 0 0 2 0 0 2 0 0	9.00	K7				-11 4815	BB SCT	2	2.2	-10477
-10478	0 1 0 0 1 1 0 0 0 0										-10478
-10479	0 1 0 0 3 0 0 3 0 0	8.80	M5				-10 4876	RW SCT	3	-0.1	-10479
-10480	0 1 0 0 2 0 0 1 0 0	4.82	K2	III	7149	26013	-06 4976		1	0.1	-10480
-10481	1 1 0 0 2 0 0 0 0 0							FQ SCT	4	0.0	-10481
-10482	0 1 0 0 2 0 0 2 0 0							ST SGR	-2	0.0	-10482
-10483	0 1 0 0 2 0 0 1 0 0	4.02	K1	III	7193	26141	-05 4840		0	0.0	-10483
-10484	0 1 0 0 1 0 0 1 0 0										-10484
-10485	0 1 0 0 3 0 0 3 0 0	8.80	M2				-10 4931		0	0.6	-10485
-10486	0 1 0 0 2 0 0 1 0 0	6.70	C6		7220	26226	-05 4858	V AQL	-1	0.0	-10486
-10487	0 1 0 0 4 0 0 1 0 0	8.50	B8			26236	-07 4844		3	0.4	-10487
-10488	0 1 0 0 1 0 0 2 0 0							AE SGR	-2	0.1	-10488
-10489	0 1 0 0 2 0 0 2 0 0							AH SGR	3	-0.2	-10489
-10490	0 1 0 0 1 0 0 0 0 0										-10490
-10491	0 2 0 0 1 0 0 2 0 0										-10491
-10492	0 1 0 0 1 0 0 2 0 0										-10492
-10493	0 1 0 0 1 0 0 2 0 0	5.62	K4	G	7282	26469	-12 5311		1	0.5	-10493
-10494	0 1 0 0 1 0 0 2 0 0	7.50	K2				-11 4913		-3	-1.2	-10494
-10495	0 1 0 0 2 0 0 1 0 0										-10495
-10496	0 1 0 0 1 0 0 0 0 0										-10496
-10497	0 2 0 0 3 0 0 2 0 0	7.70	S4			26525		W AQL	-1	-0.4	-10497
-10498	0 2 0 0 1 0 0 1 0 0	7.90	K2				-11 4929		-2	-0.1	-10498
-10499	0 0 0 0 3 0 0 0 0 0										-10499
-10500	0 1 0 0 2 0 0 1 0 0	7.40	K2				-05 4927		0	0.6	-10500

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-10501	19	17	25	-6	43.6	2	12.00	0.3	0.2	2.64	0.07	1.03	5.43	0.07	0.63		2.79	0.10		3	2	-10501
-10502	19	17	37	-8	7.6	2	0.94	0.5	0.6	1.99	0.06	24.00	8.08	0.28	2.19		6.09	0.29	K	3	2	-10502
-10503	19	17	38	-10	39.0	1	0.94	0.2	1.9	1.11	0.04	2.34	4.30	0.06	0.31		3.19	0.07		5	5	-10503
-10504	19	17	48	-7	8.1	2	6.12	0.5	3.1	2.51	0.07	0.44	7.30	0.08	9.84		4.79	0.11		7	7	-10504
-10505	19	17	54	-5	30.5	2	0.75	0.3	0.6	2.77	0.07	0.75	4.38	0.07	0.47		1.61	0.10		3	3	-10505
-10506	19	19	49	-10	22.0	2	2.19	0.5	0.6	2.69	0.06	0.63	6.52	0.07	0.09		3.83	0.09		5	3	-10506
-10507	19	20	23	-7	29.6	1	1.87	0.3	2.3	2.85	0.06	0.75	5.28	0.04	6.94		2.43	0.07		6	6	-10507
-10508	19	20	50	-11	13.5	1	6.12	0.2	4.4	2.77	0.06	4.59	6.95	0.06	0.37		4.18	0.08		7	6	-10508
-10509	19	21	27	-9	32.0	2	8.00	0.5	0.1	2.83	0.08	0.25	6.57	-	-	Q	3.74	-		2	2	-10509
-10510	19	22	14	-8	56.8	2	0.12	0.5	0.1	2.80	0.10	1.31	7.45	0.15	2.44		4.65	0.18		2	2	-10510
-10511R	19	22	21	-13	32.6	1	3.44	0.3	3.1	1.84	0.04	2.19	5.12	-	-	Q	3.28	-		5	5	-10511
-10512	19	22	33	-13	59.9	2	1.00	0.3	0.7	2.54	0.08	0.56	4.72	0.06	1.12		2.18	0.10		2	2	-10512
-10513	19	23	12	-9	6.8	2	0.12	0.7	0.4	2.91	0.11	0.06	6.21	0.08	2.37		3.30	0.14		2	2	-10513
-10514	19	23	19	-7	18.6	1	5.31	0.3	1.6	2.96	0.07	0.31	6.82	0.07	2.19		3.86	0.10		5	5	-10514
-10515	19	28	48	-10	54.0	1	10.06	0.3	2.6	2.72	0.05	3.28	6.86	0.06	7.00		4.14	0.08		7	7	-10515
-10516	19	32	20	-10	40.3	2	5.25	0.3	9.4	2.60	0.06	1.31	4.36	0.06	6.19		1.76	0.08		6	6	-10516
-10517	19	33	28	-5	29.4	2	0.19	0.3	0.9	2.94	0.08	0.47	7.60	0.14	1.12		4.66	0.16		3	3	-10517
-10518	19	34	5	-10	15.6	1	4.81	0.3	4.4	2.90	0.06	1.53	5.53	0.04	6.00		2.63	0.07		7	6	-10518
-10519	19	41	21	-11	47.8	2	3.50	0.3	0.5	2.82	0.06	1.37	5.91	0.05	4.62		3.09	0.08		4	4	-10519
-10520	19	42	9	-10	41.5	1	4.37	0.3	0.6	2.10	0.04	2.34	4.88	0.04	2.00		2.78	0.06		5	4	-10520
-10521	19	44	8	-12	16.0	1	1.50	0.3	5.0	2.17	0.05	0.25	5.30	0.05	0.87		3.13	0.07		4	4	-10521
-10522	19	46	4	-12	26.2	2	2.00	0.3	2.3	2.33	0.05	0.37	5.00	0.04	0.50		2.67	0.06		4	4	-10522
-10523	19	46	50	-11	6.3	2	1.75	0.3	0.2	2.97	0.08	0.37	6.19	0.06	5.75		3.22	0.10		4	4	-10523
-10524	19	47	20	-7	44.3	2	0.12	0.3	0.1	-0.07	0.06	7.25	4.50	0.10	0.69		4.57	0.12	K	2	2	-10524
-10525	19	48	55	-13	9.1	2	5.62	0.5	1.6	2.99	0.09	1.72	5.58	0.04	0.94		2.59	0.10		5	5	-10525
-10526	19	51	25	-8	42.1	2	2.06	0.3	0.9	1.77	0.06	1.50	4.27	0.09	0.37		2.50	0.11		3	2	-10526
-10527	19	56	19	-8	1.0	2	0.12	0.3	0.1	2.01	0.07	3.06	7.37	0.20	-		5.36	0.21	K	2	1	-10527
-10528	20	7	23	-10	40.8	1	8.12	0.2	0.6	2.46	0.05	0.78	5.85	0.04	7.66		3.39	0.06		5	5	-10528
-10529	20	7	46	-6	24.7	2	0.94	0.5	0.2	2.65	0.08	24.00	9.42	0.56	0.37		6.77	0.57	K	3	2	-10529
-10530	20	9	28	-11	22.1	1	6.87	0.2	2.8	0.88	0.04	2.66	5.25	0.05	3.87		4.37	0.06		5	4	-10530
-10531	20	14	1	-13	33.6	1	12.00	0.5	4.5	2.96	0.07	2.44	6.47	0.05	1.31		3.51	0.09		6	6	-10531
-10532	20	14	11	-7	15.9	1	1.87	0.3	1.6	2.52	0.06	2.19	6.93	0.07	9.87		4.41	0.09	I	5	4	-10532
-10533	20	14	13	-8	28.6	2	2.06	0.3	2.4	2.88	0.08	1.22	7.21	0.10	1.69		4.33	0.13		3	3	-10533
-10534R	20	14	52	-12	39.1	2	2.00	0.3	4.0	2.06	0.05	1.25	3.60	-	-	Q	1.54	-		4	4	-10534
-10535	20	15	18	-12	42.1	1	3.50	0.3	1.0	1.55	0.04	0.75	2.92	0.04	3.00		1.37	0.06		4	4	-10535
-10536	20	17	47	-6	31.4	2	1.50	0.3	1.5	2.66	0.06	1.41	5.28	0.05	3.19		2.62	0.08		3	3	-10536
-10537	20	18	11	-14	56.4	2	1.31	0.3	0.4	0.96	0.05	0.47	2.33	0.05	1.97		1.37	0.07		3	3	-10537
-10538	20	23	9	-8	46.6	2	0.19	0.3	0.2	2.24	0.05	0.09	5.81	0.06	4.50		3.57	0.08		3	3	-10538
-10539	20	25	8	-5	49.5	1	2.44	0.3	0.4	1.26	0.05	0.09	4.40	0.07	0.19		3.14	0.09		3	3	-10539
-10540	20	30	48	-6	23.6	2	0.25	0.5	0.7	2.27	0.06	0.37	5.24	0.04	3.50		2.97	0.07		4	4	-10540
-10541	20	32	19	-7	37.1	1	5.00	0.2	1.6	1.53	0.04	1.56	6.30	0.05	8.44		4.77	0.06	I	5	5	-10541
-10542	20	36	1	-9	51.4	2	1.50	0.3	0.2	2.46	0.05	0.25	6.40	0.07	4.31		3.94	0.09		4	3	-10542
-10543	20	36	28	-9	33.8	2	0.56	0.3	0.2	2.46	0.06	0.84	6.45	0.07	3.09		3.99	0.09		3	3	-10543
-10544	20	37	24	-14	11.5	2	1.62	0.5	0.1	2.83	0.11	0.06	5.94	0.07	0.31		3.11	0.13		2	2	-10544
-10545	20	39	16	-5	48.4	2	2.25	0.3	1.0	2.35	0.05	0.75	6.97	0.08	8.37		4.62	0.09	I	4	4	-10545
-10546	20	41	46	-5	1.0	1	3.00	0.3	3.5	1.82	0.05	5.25	6.13	0.06	32.00		4.31	0.08	I	4	4	-10546
-10547	20	41	49	-14	21.9	2	0.50	0.3	0.1	2.49	0.08	1.12	5.15	0.06	0.25		2.66	0.10		2	2	-10547
-10548	20	45	7	-5	12.7	1	3.00	0.3	2.3	-0.26	0.05	5.00	*	-	-		-	-		4	0*	-10548
-10549	20	46	38	-8	58.6	2	0.19	0.3	2.6	2.33	0.06	1.59	5.39	0.06	6.75		3.06	0.08	I	3	2	-10549
-10550	20	48	41	-11	17.0	1	3.50	0.3	1.2	1.90	0.04	0.75	6.08	0.05	3.00		4.18	0.06		4	4	-10550

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
-10501	0 1 0 0 1 0 0 1 0 0	6.99	K0			26655	-06	5103		3	-0.3	-10501
-10502	0 1 0 0 2 0 0 0 0 0											-10502
-10503	0 1 0 0 2 0 0 2 0 0	7.40	M3				-10	5035		-2	0.3	-10503
-10504	0 1 0 0 4 0 0 2 0 0											-10504
-10505	0 1 0 0 1 0 0 1 0 0	5.10	G8	III	7333	26669	-05	4936		1	0.1	-10505
-10506	0 1 0 0 2 0 0 2 0 0	8.90	M1				-10	5052		-2	0.7	-10506
-10507	0 1 0 0 4 0 0 1 0 0	6.39	K0		7353	26731	-07	4942		1	0.2	-10507
-10508	0 3 0 0 2 0 0 2 0 0											-10508
-10509	0 1 0 0 1 0 0 0 0 0											-10509
-10510	0 1 0 0 1 0 0 0 0 0											-10510
-10511R	0 1 0 0 1 1 0 2 0 0	7.60	M3				-13	5345		1	-0.3	-10511
-10512	0 1 0 0 0 1 0 0 0 0	5.81	K3	G	7367	26805	-14	5428		0	0.0	-10512
-10513	0 1 0 0 1 0 0 0 0 0	8.00	MA				-09	5130		-1	0.0	-10513
-10514	0 1 0 0 3 0 0 1 0 0											-10514
-10515	0 3 0 0 2 0 0 2 0 0								DN AQL	0	0.6	-10515
-10516	0 3 0 0 1 0 0 2 0 0	5.24	G8	III	7430	27046	-10	5122		-2	0.0	-10516
-10517	0 1 0 0 1 0 0 1 0 0											-10517
-10518	0 1 0 0 4 0 0 2 0 0	6.91	K0			27101	-10	5131		-1	0.6	-10518
-10519	0 1 0 0 1 0 0 2 0 0	8.10	M1				-12	5510		1	-0.4	-10519
-10520	0 2 0 0 1 0 0 2 0 0	6.88	K5			27316	-10	5172		0	0.1	-10520
-10521	0 1 0 0 1 0 0 2 0 0	8.10	M3				-12	5526		1	0.3	-10521
-10522	0 1 0 0 1 0 0 2 0 0	6.66	K5			27411	-12	5541		0	0.4	-10522
-10523	0 2 0 0 1 0 0 1 0 0	8.20	M2				-11	5140		-2	0.1	-10523
-10524	0 1 0 0 1 0 0 0 0 0								GY AQL	-5	0.3	-10524
-10525	0 1 0 0 1 1 0 2 0 0	7.02	K2			27497	-13	5499		-3	0.6	-10525
-10526	0 2 0 0 1 0 0 0 0 0	6.02	K5	G	7584	27546	-08	5150		0	0.2	-10526
-10527	0 1 0 0 1 0 0 0 0 0								RS AQL	-7	0.3	-10527
-10528	0 2 0 0 1 0 0 2 0 0	8.50	M3				-10	5294		0	0.3	-10528
-10529	0 1 0 0 1 0 0 1 0 0											-10529
-10530	0 2 0 0 1 0 0 2 0 0	9.50					-11	5255		-2	-0.7	-10530
-10531	0 2 0 0 1 1 0 2 0 0	9.20	M3				-13	5627		1	0.2	-10531
-10532	0 1 0 0 2 0 0 2 0 0								V499 AQL	1	0.4	-10532
-10533	0 2 0 0 1 0 0 0 0 0								EO AQL	1	0.3	-10533
-10534R	0 1 0 0 1 0 0 2 0 0	4.22	G3	II	7747	28189	-12	5683		-2	0.7	-10534
-10535	0 1 0 0 1 0 0 2 0 0	3.55	G9	III	7754	28200	-12	5685		1	0.0	-10535
-10536	0 1 0 0 1 0 0 1 0 0	6.63	K5		7772	28278	-06	5451		0	-0.2	-10536
-10537	0 1 0 0 0 2 0 0 0 0	3.07	F8	V	7776	28295	-15	5629		-2	0.1	-10537
-10538	0 2 0 0 1 0 0 0 0 0	8.80	MB				-09	5464		0	0.1	-10538
-10539	0 1 0 0 1 0 0 1 0 0	7.30	MB				-06	5487		0	-0.3	-10539
-10540	0 1 0 0 1 0 0 2 0 0	7.10	MA				-06	5521		1	-0.2	-10540
-10541	0 2 0 0 2 0 0 1 0 0											-10541
-10542	0 2 0 0 2 0 0 0 0 0	9.20	M2				-10	5458		-1	0.2	-10542
-10543	0 2 0 0 1 0 0 0 0 0											-10543
-10544	0 1 0 0 0 1 0 0 0 0	7.80	M3				-14	5812		4	-0.1	-10544
-10545	0 1 0 0 1 0 0 2 0 0											-10545
-10546	0 1 0 0 1 0 0 2 0 0								Y AQR	-2	-0.1	-10546
-10547	0 1 0 0 0 1 0 0 0 0	7.80	M2				-14	5839		1	0.2	-10547
-10548	0 1 0 0 1 0 0 2 0 0	4.43	M3	III	7951	28979	-05	5378		1	0.0	-10548
-10549	0 1 0 0 2 0 0 0 0 0	8.00	MA				-09	5587		0	0.2	-10549
-10550	0 1 0 0 1 0 0 2 0 0								BX AQR	-18	0.0	-10550

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-10551	20	49	20	-6	29.2	2	5.25	0.3	0.7	2.97	0.08	0.87	6.83	0.07	1.50		3.86	0.11		4	4	-10551
-10552	20	50	3	-7	56.1	2	0.56	0.5	0.2	2.68	0.08	0.66	6.43	0.07	3.94		3.75	0.11		3	3	-10552
-10553	20	54	14	-9	53.1	2	1.69	0.3	0.2	2.00	0.05	0.47	4.30	0.08	1.50		2.30	0.09		3	3	-10553
-10554	20	56	43	-14	59.0	2	1.62	0.5	0.1	2.68	0.10	0.81	6.02	0.09	0.12		3.34	0.13		2	2	-10554
-10555	20	59	53	-10	11.6	1	7.44	0.2	1.7	1.21	0.04	1.09	4.20	0.05	1.75		2.99	0.06		7	7	-10555
-10556	21	6	22	-5	17.0	1	4.12	0.3	1.1	2.61	0.06	3.09	6.35	0.07	11.53		3.74	0.09	I	3	3	-10556
-10557	21	6	51	-11	34.8	1	2.81	0.3	0.6	2.39	0.05	0.31	3.86	0.05	2.50		1.47	0.07		5	5	-10557
-10558	21	10	0	-14	35.9	2	6.12	0.3	1.1	0.45	0.05	0.06	4.50	0.12	1.56		4.05	0.13		2	2	-10558
-10559	21	13	37	-9	25.4	2	2.06	0.3	1.3	1.65	0.05	0.28	4.61	0.07	1.59		2.96	0.09		3	3	-10559
-10560	21	19	58	-5	50.8	1	1.50	0.3	0.2	2.76	0.06	0.75	5.40	0.06	7.59		2.64	0.08	I	4	3	-10560
-10561	21	20	13	-9	31.7	2	1.69	0.3	1.9	2.29	0.06	0.28	4.83	0.05	3.09		2.54	0.08		3	3	-10561
-10562	21	20	20	-6	27.0	2	0.31	0.3	2.5	2.45	0.06	0.63	5.58	0.05	3.50		3.13	0.08		5	4	-10562
-10563	21	20	26	-7	19.0	1	5.62	0.3	1.5	3.00	0.07	14.81	7.22	0.08	48.00		4.22	0.11	K,I	6	6	-10563
-10564	21	27	55	-14	23.9	2	1.31	0.3	0.2	2.11	0.06	2.53	5.67	-	-	Q	3.56	-		3	3	-10564
-10565	21	28	53	-5	47.5	1	0.50	0.3	2.8	1.12	0.04	0.37	*	-	-		-	-		4	0*	-10565
-10566	21	29	39	-12	29.6	2	1.87	0.3	1.5	2.70	0.08	0.66	5.27	0.05	1.87		2.57	0.09		3	3	-10566
-10567	21	33	29	-14	6.3	2	3.94	0.5	0.2	2.86	0.08	1.22	6.32	0.08	0.19		3.46	0.11		3	3	-10567
-10568	21	34	38	-11	41.0	2	2.00	0.3	0.7	2.68	0.07	0.75	5.61	0.05	4.62		2.93	0.09		4	4	-10568
-10569R	21	42	19	-9	17.9	2	4.75	0.3	4.0	2.51	0.06	1.12	4.26	-	-	Q	1.75	-		4	4	-10569
-10570	21	43	37	-9	30.2	1	1.25	0.2	1.9	1.18	0.04	4.22	4.00	0.06	2.75		2.82	0.07		5	4	-10570
-10571	21	53	22	-14	16.2	2	1.00	0.5	1.4	2.71	0.10	0.06	5.59	0.09	0.06		2.88	0.13		2	2	-10571
-10572	21	53	48	-9	49.5	1	5.75	0.3	1.0	2.21	0.05	4.25	5.46	0.05	2.75		3.25	0.07		4	4	-10572
-10573	21	54	17	-14	20.9	2	0.75	0.3	0.1	0.65	0.05	1.06	4.68	0.12	0.25		4.03	0.13		2	2	-10573
-10574	21	56	35	-9	12.6	2	0.56	0.5	1.1	2.96	0.10	0.09	6.15	0.06	0.75		3.19	0.12		3	3	-10574
-10575	22	4	40	-10	41.5	1	3.50	0.3	4.4	2.09	0.06	10.50	4.96	0.04	5.62		2.87	0.07		7	6	-10575
-10576	22	9	35	-11	18.9	2	6.50	0.3	1.0	2.58	0.06	0.25	5.45	0.05	5.50		2.87	0.08		4	4	-10576
-10577	22	14	6	-13	5.8	2	0.37	0.5	1.1	2.83	0.08	0.37	4.71	0.06	0.75		1.88	0.10		3	3	-10577
-10578	22	14	14	-8	2.1	1	0.75	0.3	7.3	2.04	0.05	0.37	3.47	0.05	1.75		1.43	0.07		4	4	-10578
-10579	22	19	2	-12	48.3	1	0.56	0.3	0.7	1.86	0.05	2.34	5.22	0.06	4.59		3.36	0.08		3	3	-10579
-10580	22	19	7	-7	51.8	1	1.00	0.3	3.0	0.40	0.04	3.00	4.36	0.07	1.00		3.96	0.08		4	4	-10580
-10581	22	19	11	-6	26.0	2	2.25	0.5	0.2	2.59	0.08	0.75	5.72	0.06	3.00		3.13	0.10		3	3	-10581
-10582	22	33	43	-5	24.5	2	0.50	0.3	1.2	2.81	0.08	0.12	6.12	0.07	3.37		3.31	0.11		4	3	-10582
-10583	22	34	38	-10	31.4	1	8.50	0.2	3.0	2.83	0.05	3.50	6.07	0.04	3.94		3.24	0.06		8	7	-10583
-10584	22	35	56	-14	17.5	2	0.25	0.3	0.5	1.03	0.05	0.06	4.77	0.08	0.06		3.74	0.09		2	2	-10584
-10585R	22	39	31	-5	21.7	1	0.25	0.3	2.0	0.87	0.04	0.75	3.80	-	-	Q	2.93	-		4	4	-10585
-10586	22	43	37	-11	26.1	2	0.56	0.3	0.6	2.10	0.06	0.66	4.93	0.05	2.06		2.83	0.08		3	3	-10586
-10587	22	46	58	-13	51.6	2	0.12	0.3	0.1	0.19	0.06	0.87	2.45	0.08	0.06		2.26	0.10		2	2	-10587
-10588	22	50	0	-7	50.8	1	5.62	0.2	6.6	-0.71	0.03	0.94	*	-	-		-	-		5	0*	-10588
-10589	22	52	20	-9	38.8	1	1.25	0.3	0.9	2.68	0.06	4.84	5.96	0.06	3.25		3.28	0.08		5	4	-10589
-10590	22	57	0	-13	20.5	2	0.37	0.5	1.9	2.80	0.08	0.09	4.97	0.06	0.47		2.17	0.10		3	3	-10590
-10591	22	58	47	-7	19.9	1	2.25	0.3	7.3	2.97	0.06	1.41	5.29	0.03	10.00		2.32	0.07		9	8	-10591
-10592	22	59	56	-6	50.8	2	0.19	0.3	0.2	1.95	0.05	0.09	4.50	0.08	0.09		2.55	0.09		3	3	-10592
-10593	23	11	43	-6	19.0	1	5.00	0.2	3.4	0.17	0.05	3.91	2.50	0.05	0.28		2.33	0.07		5	3	-10593
-10594	23	12	0	-10	57.6	2	3.50	0.3	1.7	2.55	0.08	0.25	4.95	0.04	2.75		2.40	0.09		4	4	-10594
-10595	23	12	14	-7	58.4	1	3.00	0.3	1.1	2.55	0.06	0.19	5.45	0.04	6.19		2.90	0.07		6	6	-10595
-10596	23	13	17	-9	21.7	1	3.44	0.3	4.1	1.76	0.04	1.72	3.40	0.05	1.41		1.64	0.06		5	5	-10596
-10597	23	14	17	-8	0.0	1	5.31	0.2	4.1	-0.21	0.04	0.31	2.52	0.05	0.19		2.73	0.06		5	3*	-10597
-10598	23	20	9	-11	5.4	2	4.31	0.3	3.9	1.04	0.04	1.12	5.60	0.06	6.66		4.56	0.07	I	3	3	-10598
-10599	23	23	14	-11	26.0	2	0.56	0.5	0.2	2.18	0.07	0.19	5.45	0.06	0.66		3.27	0.09		3	3	-10599
-10600	23	24	50	-13	12.0	2	3.25	0.5	0.7	2.80	0.09	0.50	5.53	0.06	0.50		2.73	0.11		4	4	-10600

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
-10551	0 2 0 0 1 0 0 1 0 0											-10551
-10552	0 2 0 0 1 0 0 0 0 0	9.10	M8				-08	5503		-3	0.9	-10552
-10553	0 1 0 0 1 1 0 0 0 0	5.68	K5	G	8015	29220	-10	5553		1	0.3	-10553
-10554	0 0 1 0 0 1 0 0 0 0	8.80	M4				-15	5852	AB CAP	0	0.7	-10554
-10555	0 1 0 0 2 1 0 3 0 0	6.82	M3			29365	-10	5578		0	0.0	-10555
-10556	0 1 0 0 1 0 0 1 0 0								BK AQR	-2	0.1	-10556
-10557	0 1 0 0 1 1 0 2 0 0	4.50	G8	III	8093	29571	-11	5538		-2	-0.2	-10557
-10558	0 0 1 0 0 1 0 0 0 0	8.80	M5				-14	5960	RX AQR	-2	0.0	-10558
-10559	0 1 0 0 1 1 0 0 0 0	6.82	M0			29742	-09	5700		0	0.1	-10559
-10560	0 1 0 0 2 0 0 1 0 0	7.12	K5			29917	-06	5743		-1	0.1	-10560
-10561	0 1 0 0 1 1 0 0 0 0	6.00	M0	G	8175	29925	-09	5728		-3	0.3	-10561
-10562	0 2 0 0 1 0 0 2 0 0	8.20	MA				-06	5745		-1	-0.2	-10562
-10563	0 2 0 0 2 1 0 1 0 0								RZ AQR	0	0.3	-10563
-10564	0 0 1 0 0 2 0 0 0 0	9.00	M3				-14	6046		1	-0.3	-10564
-10565	0 1 0 0 1 0 0 2 0 0	2.89	G0	II	8232	30137	-06	5770		-3	0.0	-10565
-10566	0 1 0 0 1 1 0 0 0 0	6.85	K5			30151	-12	6026		-1	-0.3	-10566
-10567	0 0 1 0 0 2 0 0 0 0	8.90	M4				-14	6077	UU CAP	2	-0.7	-10567
-10568	0 1 0 0 1 1 0 1 0 0	7.50	M1				-12	6044		0	0.1	-10568
-10569R	0 1 0 0 2 1 0 0 0 0	5.10	G8	II	8311	30448	-09	5829		-2	0.9	-10569
-10570	0 1 0 0 1 3 0 0 0 0	6.01	M3	G	8318	30474	-09	5833		1	0.2	-10570
-10571	0 0 1 0 0 1 0 0 0 0	7.80	M2				-14	6163		-3	0.1	-10571
-10572	0 1 0 0 1 2 0 0 0 0	8.40	M3				-10	5795		3	-0.1	-10572
-10573	0 0 1 0 0 1 0 0 0 0	9.30	M4				-14	6170		-2	0.2	-10573
-10574	0 0 0 0 1 2 0 0 0 0	8.60	MB				-09	5881		0	-0.1	-10574
-10575	0 1 0 0 2 4 0 0 0 0	7.00	M3			30930	-11	5756		1	0.0	-10575
-10576	0 1 0 0 1 2 0 0 0 0	7.36	M0			31058	-11	5777		-2	-0.1	-10576
-10577	0 0 1 0 1 1 0 0 0 0	5.55	K0	G	8496	31150	-13	6148		-2	-0.9	-10577
-10578	0 1 0 0 1 2 0 0 0 0	4.16	G8	III	8499	31152	-08	5845		2	-0.1	-10578
-10579	0 0 1 0 1 1 0 0 0 0	8.10	M4				-13	6170		-1	0.1	-10579
-10580	0 1 0 0 1 2 0 0 0 0	7.90	MB				-08	5858		3	-0.1	-10580
-10581	0 1 0 0 1 0 0 1 0 0	8.10	M0			31260	-06	5974		1	0.0	-10581
-10582	0 2 0 0 1 0 0 1 0 0	8.70	MB				-05	5820		1	0.3	-10582
-10583	0 2 0 0 1 5 0 0 0 0	8.50	M2				-11	5880		2	0.4	-10583
-10584	0 0 1 0 0 1 0 0 0 0	9.10					-14	6321	AB AQR	0	0.3	-10584
-10585R	0 1 0 0 1 0 0 2 0 0	7.04	M0			31678	-05	5843		1	0.0	-10585
-10586	0 1 0 0 1 1 0 0 0 0	6.68	M0			31765	-11	5912		0	-0.4	-10586
-10587	0 0 1 0 0 1 0 0 0 0	4.02	M0	III	8679	31836	-14	6354		1	-0.2	-10587
-10588	0 1 0 0 1 3 0 0 0 0	3.74	M2	III	8698	31903	-08	5968		-1	0.0	-10588
-10589	0 2 0 0 0 3 0 0 0 0	8.90	MB				-10	6016	TT AQR	1	-0.3	-10589
-10590	0 0 1 0 0 2 0 0 0 0	6.27	K5	G	8741	32038	-13	6318		2	-0.1	-10590
-10591	0 1 0 0 3 3 0 2 0 0	6.21	K5	G	8757	32079	-07	5910		-1	-0.1	-10591
-10592	0 1 0 0 1 0 0 1 0 0	6.15	M2	G	8763	32102	-07	5913		-2	-0.2	-10592
-10593	0 1 0 0 2 0 0 2 0 0	4.22	M2	III	8834	32346	-06	6170		-1	0.2	-10593
-10594	0 1 0 0 1 2 0 0 0 0	6.35	K5		8836	32354	-11	6032		-4	0.0	-10594
-10595	0 2 0 0 0 4 0 0 0 0	7.70	MA				-08	6065		0	0.2	-10595
-10596	0 1 0 0 0 4 0 0 0 0	4.22	K0	III	8841	32374	-09	6156		0	-0.1	-10596
-10597	0 2 0 0 0 3 0 0 0 0	5.04	M5	G	8850	32401	-08	6076	CHI AQR	1	0.0	-10597
-10598	0 1 0 0 1 1 0 0 0 0								SV AQR	0	0.1	-10598
-10599	0 2 0 0 0 1 0 0 0 0	8.00	M3				-11	6071		1	-0.2	-10[illegible]
-10600	0 0 2 0 0 2 0 0 0 0	7.50	M0			32631	-13	6407		0	0.3	-10[illegible]

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
-10601	23	25	27	-12	28.9	2	0.12	0.3	0.2	2.28	0.09	0.12	5.23	0.09	0.06		2.95	0.13		2	2	-10601
-10602	23	26	25	-9	32.4	2	0.75	0.3	1.0	2.98	0.08	0.50	5.15	0.05	1.22		2.17	0.09		4	3	-10602
-10603	23	29	40	-11	49.5	2	0.12	0.5	0.1	2.64	0.08	0.06	5.11	0.06	2.62		2.47	0.10		2	2	-10603
-10604	23	35	26	-8	13.1	2	0.63	0.3	1.6	2.45	0.06	0.16	6.01	0.06	2.19		3.56	0.08		5	5	-10604
-10605	23	45	59	-6	39.3	2	2.62	0.3	0.2	2.68	0.08	0.84	5.11	0.05	5.62		2.43	0.09	I	3	3	-10605
-10606	23	47	50	-14	42.9	2	6.25	0.5	4.5	2.12	0.08	0.06	4.45	0.12	0.37		2.33	0.14		2	2	-10606
-10607	23	50	14	-12	17.2	2	3.75	0.3	2.6	1.55	0.06	0.09	4.71	0.06	0.09		3.16	0.08		3	3	-10607
-10608	23	59	22	-6	17.5	1	2.81	0.3	0.2	-0.30	0.05	0.56	*	-	-		-	-		3	0*	-10608
-10609	23	59	33	-14	57.4	2	0.12	0.5	0.6	1.78	0.07	1.87	6.07	0.09	0.12		4.29	0.11		2	2	-10609

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
-10601	0 0 1 0 0 1 0 0 0 0	7.50	M3				-13 6408		-5	0.4	-10601
-10602	0 1 0 0 0 3 0 0 0 0	6.17	KO		8921	32662	-10 6120		-1	0.1	-10602
-10603	0 1 0 0 0 1 0 0 0 0	6.80	K5			32729	-12 6510		3	-0.3	-10603
-10604	0 1 0 0 0 4 0 0 0 0	9.00	MA				-08 6152		0	0.0	-10604
-10605	0 1 0 0 1 0 0 1 0 0	6.06	K4	G	9014	33039	-07 6086		1	0.2	-10605
-10606	0 0 1 0 0 1 0 0 0 0	5.92	K5	G	9029	33081	-15 6507		-9	-2.1	-10606
-10607	0 0 1 0 0 2 0 0 0 0	8.00	M3				-12 6579		1	0.4	-10607
-10608	0 1 0 0 1 0 0 1 0 0	4.70	M3	IV	9089	33330	-06 6345		-2	0.0	-10608
-10609	0 0 1 0 0 1 0 0 0 0	8.00	K P				-15 6531		-2	-0.1	-10609

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-10007	3.58	0.23	7.96	0.34		9001
-10007	3.58	0.22	6.24	0.10		9409
-10007	3.55	0.18	6.06	0.09		9432
-10007	3.09	0.21	5.88	0.14		9436
-10007	2.92	0.18	6.16	0.14		9473
-10007	2.87	0.19	6.22	0.12		9484
-10009	0.15	0.08	4.38	0.12		9002
-10009	0.31	0.17	-	-		9002
-10009	0.31	0.08	4.84	0.08		9360
-10027	1.21	0.06	2.76	0.09		9001
-10027	1.24	0.08	2.83	0.08		9129
-10027	1.20	0.07	2.88	0.08		9417
-10027	1.11	0.25	2.57	0.07		9436
-10027	1.20	0.09	2.80	0.12		9473
-10027	1.15	0.09	2.87	0.08		9484
-10031	2.52	0.14	4.88	0.08		9001
-10031	2.54	0.15	4.91	0.08		9129
-10031	2.61	0.11	5.17	0.08		9417
-10034	2.77	0.16	5.93	0.10		9001
-10034	2.73	0.18	5.71	0.10		9129
-10034	2.69	0.14	6.17	0.11		9417
-10034	2.76	0.15	5.97	0.09		9436
-10034	2.64	0.11	6.12	0.14		9473
-10035	2.58	0.11	5.45	-	Q	9099
-10035	2.49	0.34	5.85	-	Q	9373
-10035	3.22	0.21	7.22	-	Q	9417
-10035	3.17	0.16	7.17	-	Q	9417
-10049	2.09	0.11	5.36	0.09		9129
-10049	2.17	0.11	5.84	0.10		9417
-10053	3.00	0.21	5.47	0.09		9129
-10053	2.99	0.16	5.76	0.09		9417
-10075	0.52	0.07	4.74	0.08		8804
-10075	0.56	0.06	5.03	0.08		9099
-10075	0.34	0.08	4.91	0.08		9507
-10080	0.35	0.08	5.35	0.09		8804
-10080	-0.23	0.08	4.34	0.12		9099
-10080	-0.37	0.08	4.21	0.10		9507
-10094	0.74	0.08	5.30	0.09		8804
-10094	0.65	0.07	5.55	0.09		9099
-10094	0.65	0.07	5.96	0.33		9507

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-10095	2.42	0.14	8.57	0.60		8822
-10095	2.07	0.33	7.91	0.57		9168
-10095	2.95	0.16	8.56	0.55		9436
-10095	2.65	0.17	8.34	0.57		9489
-10122	2.85	0.21	6.21	-	Q	8822
-10122	2.25	0.33	7.45	0.24		9135
-10122	2.55	0.13	9.75	-	Q	9436
-10122	2.65	0.15	6.39	0.27		9489
-10123	2.44	0.21	6.62	0.15		8822
-10123	2.45	0.14	-	-		8822
-10123	2.48	0.13	7.26	0.21		9436
-10123	2.81	0.20	6.70	0.17		9489
-10129	2.91	0.22	6.77	0.18		8804
-10129	2.67	0.15	6.60	0.12		9099
-10129	2.71	0.12	7.20	0.16		9507
-10142	2.91	0.17	5.20	-	Q	8822
-10142	3.15	0.17	6.33	0.11		9436
-10142	2.76	0.16	5.29	0.09		9489
-10144	2.43	0.14	5.93	0.11		8804
-10144	2.52	0.11	6.15	0.10		9099
-10144	2.57	0.33	6.39	0.10		9507
-10144	2.48	0.11	6.34	0.10		9507
-10147	2.23	0.11	7.60	0.29		8822
-10147	2.28	0.33	-	-		8822
-10147	2.74	0.23	8.01	0.37		9436
-10147	2.76	0.17	8.11	0.33		9489
-10149	1.18	0.06	5.19	0.09		8822
-10149	1.07	0.09	4.86	0.07		9436
-10149	1.00	0.08	4.94	0.08		9478
-10149	1.03	0.07	4.86	0.09		9489
-10153	2.63	0.16	8.00	0.40		8822
-10153	3.53	0.25	9.35	-	Q	9436
-10153	3.33	0.42	8.04	0.45		9489
-10160	2.55	0.12	6.48	0.20		9135
-10160	2.54	0.15	5.78	0.10		9491
-10162	1.83	0.07	5.80	0.10		9135
-10162	1.92	0.10	6.12	0.12		9489
-10162	2.02	0.12	6.36	0.14		9491
-10172	2.88	0.22	5.98	0.12		8805
-10172	2.86	0.16	6.29	0.12		9478

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-10184	1.78	0.09	6.77	0.18		8804
-10184	1.97	0.08	7.74	0.26		9099
-10184	1.98	0.14	6.19	0.13		9491
-10185	2.09	0.13	5.88	0.11		8804
-10185	2.09	0.12	6.73	0.13		9099
-10185	2.28	0.12	6.15	0.12		9491
-10189	2.47	0.14	5.18	0.09		8804
-10189	2.51	0.10	5.28	0.09		9099
-10189	2.92	0.20	5.11	0.09		9491
-10189	2.70	0.10	5.52	0.09		9507
-10199	0.45	0.06	3.92	0.13		9135
-10199	0.61	0.06	4.09	0.13		9489
-10202	2.90	0.39	-	-		8804
-10202	2.29	0.16	6.19	-	Q	8804
-10202	2.52	0.15	6.72	-	Q	9099
-10202	3.47	0.16	7.70	0.21		9507
-10203	2.71	0.17	5.41	0.11		8805
-10203	2.63	0.11	5.71	0.10		9478
-10210	2.49	0.13	6.88	0.17		8822
-10210	2.46	0.12	6.06	0.12		9489
-10222	0.96	0.09	5.73	-	Q	8804
-10222	1.07	0.07	6.24	0.20		9099
-10222	1.05	0.07	5.44	0.08		9507
-10223	2.71	0.16	6.34	0.13		8822
-10223	2.54	0.14	5.96	0.11		9489
-10224	2.71	0.21	5.89	0.11		8805
-10224	2.70	0.14	6.27	0.12		9478
-10231	2.60	0.17	5.20	0.09		8804
-10231	2.35	0.12	5.24	0.08		9099
-10231	2.43	0.13	5.11	0.09		9491
-10231	2.60	0.15	5.46	0.08		9507
-10231	2.69	0.15	5.43	0.08		9507
-10236	1.32	0.08	7.79	0.38		8804
-10236	2.90	0.11	10.23	-	Q	9507
-10255	1.97	0.11	4.71	0.08		8804
-10255	2.14	0.15	4.66	0.08		9491
-10255	2.04	0.09	4.96	0.08		9507
-10256	1.62	0.12	5.35	0.09		8804
-10256	1.73	0.09	5.70	0.10		9491

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-10258	0.08	0.08	4.20	0.11		8882
-10258	0.19	0.07	3.85	0.11		9491
-10259	0.75	0.06	4.74	0.08		8822
-10259	0.47	0.13	4.39	0.14		9259
-10259	0.73	0.08	4.47	0.08		9611
-10259	0.74	0.08	4.59	0.08		9624
-10259	0.76	0.09	4.76	0.08		9624
-10260	3.41	0.16	8.00	0.32		8882
-10260	3.05	0.16	6.30	0.12		9262
-10260	2.70	0.13	6.48	0.15		9611
-10264	3.40	0.44	-	-		8805
-10264	2.73	0.20	6.00	0.11		9259
-10264	2.75	0.14	6.40	0.13		9624
-10264	2.69	0.13	6.40	0.13		9624
-10265	1.89	0.07	5.59	0.09		8822
-10265	1.92	0.08	5.73	0.10		9262
-10265	1.83	0.09	5.36	0.09		9611
-10290	0.45	0.06	5.42	0.09		8822
-10290	0.42	0.06	5.30	0.09		8822
-10290	0.79	0.12	6.03	0.11		9259
-10290	0.80	0.16	-	-		9262
-10290	0.65	0.18	-	-		9611
-10290	0.67	0.07	5.78	0.10		9624
-10337	2.62	0.15	8.35	0.40		8875
-10337	2.92	0.16	8.48	0.43		8936
-10337	2.08	0.37	7.99	-	Q	9259
-10337	2.67	0.16	7.96	0.40		9262
-10337	2.35	0.12	7.14	0.23		9611
-10339	1.62	0.08	6.16	0.10		8919
-10339	1.89	0.33	6.70	0.13		8940
-10339	1.78	0.09	6.56	0.14		9263
-10339	1.84	0.33	-	-		9674
-10344	1.86	0.07	4.82	0.08		8936
-10344	1.98	0.33	4.83	0.08		9262
-10344	1.98	0.07	4.98	0.08		9331
-10344	1.87	0.09	4.67	0.08		9611
-10347	0.80	0.08	6.28	0.11		8882
-10347	0.59	0.33	6.38	-	Q	9263
-10347	0.52	0.12	6.50	0.13		9263
-10347	0.75	0.08	6.99	0.17		9674
-10348	1.38	0.07	5.72	0.09		8919
-10348	1.35	0.08	5.73	0.09		8940
-10348	1.53	0.07	7.06	0.16		9263
-10348	1.80	0.09	7.84	0.33		9674

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-10353	2.96	0.12	7.39	0.21		8882
-10353	2.79	0.13	8.56	0.48		9331
-10353	2.67	0.10	8.70	0.54		9331
-10353	2.47	0.11	7.46	0.29		9611
-10355	3.17	0.16	10.29	-	Q	8882
-10355	2.45	0.14	9.36	-	Q	9263
-10355	3.22	0.22	9.19	-	Q	9611
-10355	2.62	0.13	8.44	0.50		9674
-10356	3.21	0.16	8.09	0.34		8882
-10356	2.53	0.15	6.29	0.12		9262
-10356	2.50	0.11	6.40	0.13		9263
-10356	2.34	0.10	6.83	0.14		9331
-10356	2.85	0.18	6.63	0.16		9611
-10356	2.41	0.10	7.15	0.19		9674
-10359	0.31	0.08	5.11	-	Q	8882
-10359	0.26	0.08	4.99	0.08		9262
-10359	0.31	0.08	5.07	0.09		9263
-10359	0.15	0.10	5.02	0.08		9263
-10359	0.27	0.09	5.17	-	Q	9331
-10359	0.42	0.08	4.90	-	Q	9611
-10359	0.44	0.08	5.51	0.09		9674
-10361	2.52	0.12	7.38	0.20		8882
-10361	2.45	0.11	7.78	0.33		9262
-10361	3.16	0.15	8.27	0.39		9331
-10361	2.63	0.14	7.42	0.28		9611
-10362	3.61	0.22	8.50	0.47		8882
-10362	2.73	0.13	7.48	0.25		9263
-10362	3.24	0.16	8.14	0.40		9674
-10368	2.51	0.16	7.40	0.24		9259
-10368	3.23	0.37	-	-		9706
-10378	1.74	0.07	5.48	0.09		8936
-10378	1.64	0.09	5.42	0.09		9262
-10378	1.71	0.09	5.70	0.09		9331
-10378	1.82	0.09	5.25	0.09		9611
-10381	2.64	0.10	9.46	0.86		8936
-10381	2.00	0.08	8.91	0.75		9262
-10381	2.07	0.08	10.58	-	Q	9331
-10381	2.30	0.10	8.93	0.85		9611
-10389	2.06	0.10	5.35	0.09		8905
-10389	2.33	0.33	5.64	0.09		8936
-10389	2.10	0.10	5.33	0.09		8962
-10389	1.95	0.15	5.37	0.09		9259
-10389	2.05	0.09	5.58	0.09		9706

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-10396	2.95	0.16	9.88	-	Q	8882
-10396	2.08	0.09	9.26	-	Q	9262
-10396	2.05	0.12	9.40	-	Q	9262
-10396	2.46	0.10	9.94	0.75		9331
-10401	1.76	0.08	8.59	0.50		8882
-10401	2.13	0.33	7.78	-	Q	9262
-10401	1.69	0.18	7.45	0.24		9263
-10401	1.73	0.33	8.21	0.37		9331
-10401	2.63	0.13	9.31	-	Q	9674
-10422	0.90	0.06	5.24	0.08		8940
-10422	1.01	0.06	5.62	0.09		9263
-10422	1.02	0.06	5.70	0.09		9329
-10422	0.90	0.10	5.54	0.09		9674
-10422	0.96	0.07	5.46	0.09		9674
-10422	0.93	0.07	5.28	0.09		9725
-10424	2.05	0.09	6.23	-	Q	8936
-10424	1.96	0.08	6.42	-	Q	9262
-10424	2.25	0.09	6.65	0.13		9331
-10425	2.00	0.08	6.75	0.13		8940
-10425	2.55	0.34	7.43	0.24		9263
-10425	2.19	0.34	7.43	0.33		9269
-10425	2.03	0.10	7.52	0.22		9329
-10425	2.02	0.10	7.03	0.18		9674
-10425	2.03	0.10	7.09	0.16		9725
-10432	2.08	0.09	6.48	0.12		8882
-10432	2.77	0.14	7.41	0.25		9262
-10432	2.01	0.08	6.23	0.10		9331
-10442	2.57	0.11	6.37	-	Q	8936
-10442	2.66	0.14	6.27	0.16		9259
-10442	2.53	0.13	-	-		9360
-10442	2.67	0.24	5.71	0.44		9624
-10442	2.50	0.11	6.80	0.13		9706
-10443	1.83	0.09	6.39	0.11		8940
-10443	1.78	0.10	6.61	0.14		9263
-10443	1.83	0.08	6.94	0.16		9329
-10443	1.75	0.09	6.50	0.13		9674
-10443	1.77	0.08	6.58	0.12		9725
-10450	3.20	0.15	7.01	0.17		8962
-10450	2.50	0.15	9.98	-	Q	9259
-10450	2.86	0.12	7.41	0.20		9360
-10450	2.90	0.24	10.72	0.83		9706
-10453	2.66	0.13	7.28	-	Q	8936
-10453	3.53	0.40	8.13	0.33		9360
-10453	2.70	0.13	8.35	0.50		9624
-10453	3.20	0.35	7.36	-	Q	9706

NO.	K MAG	K ER	I MAG	I ER		DAY 243
-10461	1.91	0.09	3.98	0.10		8962
-10461	1.80	0.13	3.92	0.11		9259
-10461	2.33	0.09	4.84	0.08		9360
-10461	2.05	0.08	4.14	0.12		9624
-10461	1.94	0.08	3.82	0.09		9706
-10461	1.92	0.09	3.79	0.09		9706
-10466	3.01	0.15	8.98	0.66		8882
-10466	2.94	0.37	-	-		9262
-10466	2.55	0.11	8.01	0.33		9331
-10472	2.79	0.14	7.76	0.26		8940
-10472	3.12	0.14	7.66	0.25		9329
-10472	3.01	0.14	8.62	0.58		9674
-10472	3.39	0.15	7.98	0.31		9725
-10479	0.73	0.06	4.65	0.15		8960
-10479	0.50	0.14	4.45	0.28		9263
-10479	0.56	0.06	4.50	0.16		9329
-10479	0.57	0.10	4.40	0.12		9331
-10479	0.68	0.08	4.82	0.08		9674
-10479	0.66	0.08	4.82	0.08		9674
-10479	0.76	0.07	4.51	0.13		9725
-10482	0.89	0.06	5.23	0.08		8940
-10482	1.03	0.06	5.80	0.09		9329
-10482	1.03	0.07	5.61	0.09		9329
-10482	1.13	0.08	4.98	0.08		9674
-10482	1.05	0.07	5.41	0.09		9725
-10488	2.40	0.09	7.31	0.19		8940
-10488	2.61	0.15	7.62	0.26		9329
-10488	2.81	0.12	7.96	0.36		9674
-10488	2.93	0.11	7.47	0.22		9725
-10489	3.52	0.40	9.24	0.76		8940
-10489	2.87	0.16	9.19	0.76		9329
-10489	3.04	0.16	9.07	0.74		9329
-10489	2.65	0.20	8.16	0.41		9674
-10489	2.89	0.12	7.33	0.19		9725
-10497	0.89	0.06	7.72	0.24		8936
-10497	0.90	0.07	-	-		8936
-10497	-0.07	0.14	5.78	0.10		9262
-10497	0.58	0.33	7.16	0.17		9331
-10497	0.95	0.08	7.35	0.21		9360
-10497	0.15	0.09	5.96	0.09		9706
-10497	0.07	0.33	6.16	0.10		9706
-10502	1.63	0.07	8.41	0.41		8936
-10502	2.61	0.35	7.01	-	Q	9262
-10502	2.28	0.11	7.50	0.31		9331
-10524	-0.24	0.07	4.40	0.14		8936
-10524	0.07	0.08	4.58	0.14		9331
-10527	2.14	0.10	7.54	-	Q	8936
-10527	1.90	0.08	7.37	0.20		9331
-10529	2.20	0.10	7.36	-	Q	8936
-10529	3.23	0.20	9.70	0.75		9360
-10529	2.54	0.11	8.80	0.64		9706
-10532	2.71	0.17	6.84	0.14		8936
-10532	2.39	0.15	6.52	0.12		9331
-10532	2.50	0.10	6.47	-	Q	9360
-10532	2.54	0.10	7.10	0.15		9706
-10532	2.45	0.11	7.11	0.15		9706
-10541	1.50	0.06	6.14	0.10		8936
-10541	1.55	0.08	6.28	0.11		9002
-10541	1.47	0.08	6.30	0.11		9331
-10541	1.59	0.10	6.14	0.10		9360
-10541	1.61	0.10	6.53	0.11		9706
-10545	2.27	0.11	6.59	0.13		8962
-10545	2.33	0.09	6.84	0.15		9360
-10545	2.39	0.10	7.16	0.16		9706
-10545	2.39	0.09	7.14	0.15		9706
-10546	1.81	0.10	6.24	0.11		8962
-10546	1.95	0.08	6.56	0.13		9360
-10546	1.68	0.12	5.69	0.09		9706
-10546	1.70	0.08	5.77	0.09		9706
-10549	2.24	0.13	5.20	0.08		9002
-10549	2.43	0.10	5.54	0.09		9331
-10549	2.28	0.09	-	-		9331
-10556	2.76	0.12	6.11	0.10		8962
-10556	2.61	0.11	6.19	0.11		9360
-10556	2.48	0.09	6.63	0.12		9706
-10560	2.82	0.11	5.16	0.09		8962
-10560	2.79	0.15	5.39	0.09		9360
-10560	2.68	0.11	-	-		9360
-10560	2.74	0.10	5.55	0.09		9706
-10563	2.72	0.13	6.49	0.12		9002
-10563	2.74	0.19	6.49	0.12		9002
-10563	3.12	0.19	8.40	0.44		9331
-10563	3.00	0.13	6.76	0.14		9360
-10563	2.54	0.15	6.18	0.11		9409
-10563	3.29	0.14	8.92	0.54		9706
-10598	1.04	0.06	5.54	0.09		9001
-10598	1.11	0.08	5.76	0.09		9329
-10598	0.99	0.07	5.41	0.09		9417
-10605	2.70	0.14	5.01	0.08		9002
-10605	2.57	0.13	5.02	0.08		9360
-10605	2.75	0.12	5.26	0.08		9706

NO.	REMARKS
-10035	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-10037	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-10093	ORION NEBULA
-10399	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-10436	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-10511	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-10534	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-10569	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
-10585	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)

Declination Zone

-5 to +5 degrees

00 PAGE 2

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
00001	0	5	5	+1	4.4	2	0.19	0.5	0.4	2.73	0.10	0.09	6.26	0.08	1.22		3.53	0.13		3	3	00001
00002	0	5	37	-2	43.8	2	0.37	0.7	0.1	2.90	0.12	1.50	5.08	0.09	0.06		2.18	0.15		2	2	00002
00003	0	7	19	-2	49.8	2	0.37	0.5	0.1	2.68	0.09	0.75	5.33	0.09	0.06		2.65	0.13		2	2	00003
00004	0	10	24	-3	39.6	2	3.94	0.5	0.7	2.63	0.08	1.22	5.48	0.06	0.56		2.85	0.10		3	3	00004
00005	0	12	22	-3	18.0	2	0.12	0.5	0.7	2.73	0.11	0.63	5.19	0.09	-		2.46	0.14		2	1	00005
00006	0	14	5	+1	34.5	2	1.25	0.3	0.2	1.58	0.05	0.12	4.60	0.05	2.25		3.02	0.07		4	4	00006
00007	0	17	34	+2	45.4	2	3.94	0.5	1.9	2.67	0.12	0.09	5.55	0.06	0.09		2.88	0.13		3	3	00007
00008	0	18	35	-2	37.9	2	0.25	0.5	0.1	2.48	0.09	0.06	6.33	0.11	0.06		3.85	0.14		2	2	00008
00009	0	21	55	-4	55.8	2	0.56	0.3	0.2	2.05	0.06	0.28	5.29	0.06	1.87		3.24	0.08		3	2	00009
00010	0	27	28	-4	14.0	2	0.25	0.3	1.5	1.92	0.05	0.75	4.31	0.07	0.25		2.39	0.09		4	4	00010
00011	0	42	22	+2	55.6	2	3.12	0.3	3.1	2.40	0.06	2.03	5.43	0.04	6.56		3.03	0.07		5	5	00011
00012	0	42	52	-4	54.3	1	16.00	0.3	0.7	2.04	0.06	0.12	4.65	0.07	0.09		2.61	0.09		4	3	00012
00013	0	50	27	-1	24.7	2	2.81	0.3	0.2	1.02	0.05	0.56	3.31	0.06	0.09		2.29	0.08		3	3	00013
00014	0	58	8	-1	55.6	2	1.12	0.3	0.2	1.58	0.05	0.09	4.59	0.08	0.06		3.01	0.09		3	2	00014
00015	1	7	58	+2	10.5	2	0.37	0.5	1.9	2.48	0.08	0.09	4.74	-	-	Q	2.26	-		3	3	00015
00016	1	9	11	-2	31.0	2	0.37	0.3	0.1	2.74	0.10	0.63	4.86	0.08	0.06		2.12	0.13		2	2	00016
00017	1	11	43	-2	26.7	2	0.12	0.3	0.2	1.55	0.06	0.06	5.17	0.09	0.12		3.62	0.11		2	2	00017
00018	1	20	1	+1	28.1	1	1.87	0.3	3.1	2.60	0.07	0.78	4.95	0.04	6.41		2.35	0.08		5	5	00018
00019	1	28	3	+2	37.4	2	0.63	0.3	0.7	1.92	0.09	0.06	5.35	0.09	0.56		3.43	0.13		2	2	00019
00020	1	30	26	-0	8.2	2	4.25	0.5	0.7	2.75	0.11	0.25	5.76	0.07	2.94		3.01	0.13	I	2	2	00020
00021	1	35	21	-3	41.4	2	0.75	0.5	0.2	2.41	0.08	1.03	4.92	0.06	0.94		2.51	0.10		3	3	00021
00022	1	36	1	+1	6.9	2	0.87	0.3	0.7	2.31	0.11	0.06	6.28	0.11	2.19		3.97	0.16		2	2	00022
00023	1	39	4	-3	22.7	2	5.81	0.3	0.9	2.49	0.08	0.09	5.36	0.07	1.00		2.87	0.11		3	2	00023
00024	1	40	13	-3	56.4	2	3.19	0.5	0.7	2.00	0.06	0.09	4.01	0.07	0.37		2.01	0.09		3	3	00024
00025	1	42	0	+2	58.1	1	2.81	0.3	1.2	2.82	0.07	0.94	5.38	0.04	2.97		2.56	0.08		5	5	00025
00026	1	42	46	-3	24.5	2	0.37	0.5	0.4	2.77	0.09	0.19	5.65	0.07	1.31		2.88	0.11		3	3	00026
00027	1	50	57	+2	56.4	1	3.00	0.3	2.6	2.46	0.06	1.87	3.97	0.05	2.19		1.51	0.08		6	5	00027
00028	1	51	59	+4	27.9	1	4.12	0.2	4.5	1.88	0.04	1.31	6.68	0.06	12.81		4.80	0.07	I	6	5	00028
00029	2	1	10	-4	20.4	1	7.12	0.2	2.3	1.65	0.04	1.69	4.15	0.05	0.94		2.50	0.06		6	6	00029
00030	2	16	49	-3	12.2	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	00030
00031	2	19	22	+0	10.4	2	0.37	0.5	0.1	0.93	0.05	0.06	3.52	0.09	0.19		2.59	0.10		2	2	00031
00032	2	23	29	-0	24.6	2	2.25	0.7	0.2	3.04	0.13	5.91	7.58	0.21	1.12		4.54	0.25	K	3	2	00032
00033	2	28	54	+2	3.1	2	2.06	0.3	0.2	2.36	0.07	0.09	4.36	0.07	0.19		2.00	0.10		3	3	00033
00034	2	46	28	-4	25.2	2	5.00	0.5	0.9	2.83	0.08	3.75	5.35	0.05	2.75		2.52	0.09		5	4	00034
00035	2	48	47	+1	58.5	2	2.00	0.3	0.1	2.58	0.08	0.25	5.29	0.06	0.12		2.71	0.10		2	2	00035
00036	2	54	27	+4	18.0	1	3.12	0.2	1.9	1.06	0.04	1.56	3.96	0.06	0.94		2.90	0.07		5	5	00036
00037	2	58	17	-3	4.6	1	3.12	0.3	0.3	1.54	0.06	0.47	4.27	0.10	0.09		2.73	0.12		5	3	00037
00038	2	59	40	+3	53.6	1	0.19	0.2	0.9	-1.70	0.04	1.03	*	-	-		-	-		3*	0*	00038
00039	3	7	2	+4	11.5	2	1.25	0.3	3.3	2.69	0.07	0.63	6.23	0.06	0.37		3.54	0.09		4	4	00039
00040	3	8	51	-3	59.9	2	0.19	0.3	0.2	1.79	0.05	2.16	4.43	0.06	0.84		2.64	0.08		3	3	00040
00041	3	12	4	-2	31.1	2	0.75	0.3	0.2	2.73	0.08	0.84	5.43	0.06	2.06		2.70	0.10		3	3	00041
00042	3	12	20	+1	24.7	2	1.50	0.3	0.7	2.83	0.07	0.75	6.23	0.08	0.31		3.40	0.11		4	2	00042
00043	3	12	50	+1	30.4	1	1.56	0.3	3.1	2.02	0.05	1.25	5.88	0.10	-		3.86	0.11		5	1	00043
00044	3	15	49	-1	6.9	2	1.12	0.3	1.3	2.83	0.09	0.09	4.72	0.06	0.09		1.89	0.11		3	3	00044
00045	3	21	4	+3	42.4	2	0.37	0.3	0.4	2.44	0.06	4.03	6.65	0.08	1.50		4.21	0.10		3	3	00045
00046	3	28	8	-2	6.5	2	1.25	0.3	1.5	1.76	0.05	1.25	5.81	0.06	3.50		4.05	0.08		4	4	00046
00047	3	34	17	+0	14.9	2	0.50	0.5	0.1	2.89	0.10	0.25	3.93	0.08	0.31		1.04	0.13		2	2	00047
00048	3	42	28	-0	27.4	2	2.25	0.3	0.2	2.22	0.07	1.03	4.41	0.08	0.84		2.19	0.11		3	3	00048
00049	3	48	44	-0	24.5	2	1.12	0.5	0.2	2.46	0.07	0.19	7.65	0.24	0.06		5.19	0.25		3	2	00049
00050	3	48	55	-1	31.5	1	2.75	0.3	0.7	0.68	0.04	1.25	4.57	0.05	0.75		3.89	0.06		4	4	00050

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
00001	0 1 1 0 0 1 0 0 0 0											00001
00002	0 0 1 0 0 1 0 0 0 0	6.06	K2	G	14	124	-03	3		-2	-0.2	00002
00003	0 0 1 0 0 1 0 0 0 0	7.20	K2			161	-03	9		-3	0.6	00003
00004	0 1 0 0 0 2 0 0 0 0	7.20	MA				-04	11		2	-0.1	00004
00005	0 1 0 0 0 1 0 0 0 0	7.01	MO			285	-03	20		0	0.3	00005
00006	0 1 1 0 0 2 0 0 0 0	7.29	MO			321	+01	28		-1	0.1	00006
00007	0 1 1 0 0 1 0 0 0 0	7.99	MO			404	+02	37		-2	0.0	00007
00008	0 0 1 0 0 1 0 0 0 0	9.00	M5				-03	40		0	0.2	00008
00009	0 1 0 0 1 0 0 1 0 0	7.80	MA				-05	58		-5	-0.3	00009
00010	0 1 0 0 1 1 0 1 0 0	5.72	MO	III	117	584	-04	54		-2	0.0	00010
00011	0 1 1 0 0 1 0 0 2 0	7.80	MA				+02	97		0	0.0	00011
00012	0 2 1 0 1 0 0 0 0 0	6.15	MO	G	201	905	-05	120		0	-0.1	00012
00013	0 0 1 0 0 2 0 0 0 0	4.76	MO	III	248	1055	-01	114		0	0.2	00013
00014	0 0 2 0 0 1 0 0 0 0	7.04	M3			1209	-02	140		0	0.0	00014
00015	0 1 1 0 0 1 0 0 0 0	5.95	K4	G	347	1422	+01	221		-1	-0.3	00015
00016	0 0 1 0 0 1 0 0 0 0	5.95	K4	III	353	1444	-03	161		0	0.0	00016
00017	0 0 1 0 0 1 0 0 0 0	8.80	MB				-02	185		1	-0.1	00017
00018	0 0 2 0 0 3 0 0 0 0	6.21	MO	G	392	1657	+00	223		-2	0.2	00018
00019	0 0 1 0 0 1 0 0 0 0	7.00	M4E			1830	+02	222	R PSC	-1	-0.1	00019
00020	0 0 1 0 0 1 0 0 0 0	8.20	KO				-00	247		0	-0.4	00020
00021	0 1 1 0 0 1 0 0 0 0	6.78	K5			1975	-04	249		1	0.3	00021
00022	0 0 1 0 0 1 0 0 0 0								SW CET	5	0.4	00022
00023	0 1 1 0 0 1 0 0 0 0	8.30	MA				-03	240		-1	-0.3	00023
00024	0 1 1 0 0 1 0 0 0 0	4.99	K3	III	500	2093	-04	260		1	0.1	00024
00025	0 1 1 0 0 1 0 0 2 0	7.02	KO			2128	+02	259		-1	-0.3	00025
00026	0 1 1 0 0 1 0 0 0 0	7.30	MA				-03	250		-3	0.7	00026
00027	0 1 1 0 0 2 0 0 2 0	4.60	KO	III	549	2293	+02	290		-1	-0.1	00027
00028	0 1 1 0 0 2 0 0 2 0											00028
00029	0 0 2 0 1 3 0 0 0 0	5.62	K5	C	611	2485	-04	324		1	-0.1	00029
00030	0 0 3 1 0 1 0 0 0 0	8.71	M6	G	681	2796	-03	353	OMI CET	0	0.0	00030
00031	0 0 1 0 0 1 0 0 0 0	5.28	M2	G	689	2846	-00	355		-1	0.3	00031
00032	0 0 2 0 0 1 0 0 0 0	7.00	M4E			2929	-00	361	R CET	0	-0.4	00032
00033	0 0 2 0 0 1 0 0 0 0	5.25	K3	III	737	3029	+01	438		-1	0.3	00033
00034	0 0 3 0 0 2 0 0 0 0	7.14	K5			3379	-04	476		-5	0.7	00034
00035	0 0 1 0 0 1 0 0 0 0	7.12	K5			3428	+01	503		2	0.4	00035
00036	0 0 1 0 0 3 0 0 1 0	6.11	M2		877	3547	+03	410		0	0.0	00036
00037	0 0 3 1 0 1 0 0 0 0	6.11	M1	G	904	3621	-03	478		-3	-0.1	00037
00038	0 0 2 0 0 1 0 0 1 0	2.52	M2	III	911	3643	+03	419		0	-0.1	00038
00039	0 0 2 0 0 1 0 0 1 0	8.80	M5				+03	433		1	-0.2	00039
00040	0 0 2 0 0 1 0 0 0 0	6.05	M1	G	955	3806	-04	540		2	0.1	00040
00041	0 0 1 1 0 1 0 0 0 0	7.20	MA				-02	581		-2	0.0	00041
00042	0 0 1 0 0 3 0 0 0 0	8.80	MB				+01	567		-2	-0.8	00042
00043	0 0 2 0 0 3 0 0 0 0	8.90	F5				+01	569		0	-0.3	00043
00044	0 0 1 1 0 1 0 0 0 0	5.39	K1	IV	992	3953	-01	469		0	-0.2	00044
00045	0 0 1 0 0 1 0 0 1 0											00045
00046	0 0 1 1 0 2 0 0 0 0											00046
00047	0 0 1 0 0 1 0 0 0 0	4.29	F8	V	1101	4313	-00	572		-3	0.2	00047
00048	0 0 1 1 0 1 0 0 0 0	5.55	K4	III	1150	4491	-00	593		4	-0.2	00048
00049	0 0 1 1 0 1 0 0 0 0											00049
00050	0 0 1 1 0 2 0 0 0 0	8.60	MC				-01	546	SU ERI	0	-0.3	00050

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
00051R	3	51	43	-3	5.9	2	1.50	0.3	1.2	2.52	0.09	1.87	3.93	0.08	1.87		1.41	0.12		4	2	00051
00052	4	1	23	+2	24.4	2	0.12	0.3	0.1	1.93	0.06	0.06	6.41	-	-	Q	4.48	-		2	2	00052
00053	4	8	32	+2	11.4	2	0.12	0.5	0.1	1.87	0.06	0.44	4.90	0.06	0.06		3.03	0.08		2	2	00053
00054	4	9	54	-4	32.6	2	2.00	0.5	0.7	2.78	0.07	0.25	5.27	-	-	Q	2.49	-		4	4	00054
00055	4	10	44	+3	46.4	2	0.75	0.5	1.9	2.89	0.09	0.19	6.06	0.06	3.00		3.17	0.11		3	3	00055
00056R	4	10	46	-4	0.9	2	0.19	0.3	2.1	2.64	0.07	0.84	5.48	-	-	Q	2.84	-		3	3	00056
00057	4	17	44	-2	44.9	2	0.37	0.3	0.2	1.98	0.05	1.41	4.85	0.05	1.97		2.87	0.07		3	3	00057
00058	4	18	40	-1	55.5	2	0.50	0.5	0.7	2.98	0.13	1.12	6.43	0.09	0.69		3.45	0.16		2	2	00058
00059	4	18	54	-0	13.0	2	0.25	0.7	0.4	2.74	0.13	0.06	4.81	0.21	-		2.07	0.25		2	1	00059
00060	4	23	24	+4	15.7	2	2.06	0.3	0.4	2.59	0.07	1.03	4.98	0.05	1.59		2.39	0.09		3	3	00060
00061	4	29	22	-0	9.2	3	0.63	0.7	0.1	1.95	0.10	0.06	3.99	0.09	0.06		2.04	0.13		2	2	00061
00062	4	31	13	-0	5.1	2	1.50	0.5	0.2	1.98	0.08	5.16	6.40	0.09	0.31		4.42	0.12	K	3	2	00062
00063	4	42	25	-2	42.8	2	3.00	0.3	0.4	2.93	0.08	2.25	7.29	0.15	2.31		4.36	0.17		3	2	00063
00064	4	50	49	+2	25.7	2	0.50	0.3	0.1	1.03	0.06	0.06	3.61	0.07	0.69		2.58	0.09		2	2	00064
00065	4	55	57	+1	38.3	2	1.87	0.3	0.4	1.41	0.05	0.28	3.40	0.06	0.09		1.99	0.08		3	3	00065
00066	5	2	47	+1	6.8	2	1.25	0.3	0.2	-0.35	0.07	2.25	3.28	0.06	0.28		3.63	0.09		4	3	00066
00067	5	4	4	+0	28.7	2	0.37	0.3	0.5	1.55	0.05	0.12	5.09	0.08	-		3.54	0.09		2	1	00067
00068	5	10	41	+2	48.4	2	0.56	0.3	2.3	1.84	0.07	0.37	3.63	0.07	1.06		1.79	0.10		3	2	00068
00069	5	11	13	+0	30.2	2	0.12	0.3	1.5	2.57	0.08	0.63	5.09	0.06	4.25		2.52	0.10	I	2	2	00069
00070	5	12	5	-0	37.1	2	0.19	0.3	0.7	0.67	0.05	0.09	3.86	0.06	0.19		3.19	0.08		3	3	00070
00071	5	20	52	-4	36.5	2	1.50	0.5	2.4	2.27	0.10	2.06	6.10	0.07	1.22		3.83	0.12		3	3	00071
00072	5	21	55	-0	56.4	1	0.50	0.3	0.2	2.81	0.08	2.62	4.39	0.07	0.25		1.58	0.11		4	4	00072
00073	5	22	30	+1	9.0	2	0.37	0.5	0.4	2.85	0.11	0.19	5.75	0.07	1.06		2.90	0.13		2	2	00073
00074	5	26	29	-4	43.5	2	0.50	0.3	1.5	-0.11	0.07	3.69	4.92	0.07	6.31		5.03	0.10	K,I	2	2	00074
00075	5	27	11	-1	7.8	1	0.63	0.2	0.9	0.90	0.04	0.16	3.17	0.04	0.47		2.27	0.06		5	5	00075
00076	5	29	26	-0	19.2	2	1.00	0.3	1.5	2.74	0.08	0.75	2.58	0.04	1.25		-0.16	0.09		4	4	00076
00077	5	30	5	-0	1.5	2	1.25	0.3	0.5	2.28	0.06	1.62	4.73	0.06	0.66		2.45	0.08		4	3	00077
00078	5	31	30	-1	30.2	2	8.25	0.3	1.0	2.26	0.05	3.25	4.59	0.05	2.62		2.33	0.07		4	4	00078
00079	5	33	38	-1	13.9	1	1.00	0.3	3.8	2.22	0.05	1.75	*	-	-		-	-		4	0*	00079
00080	5	35	4	-1	47.8	2	0.94	0.3	0.6	1.55	0.05	0.09	7.23	0.15	16.00		5.68	0.16	I	3	2	00080
00081	5	38	14	-1	57.8	2	3.19	0.3	0.2	2.32	0.06	0.47	*	-	-		-	-		3	0*	00081
00082	5	39	1	-4	9.4	2	1.31	0.3	1.1	2.48	0.08	2.72	7.28	0.13	8.62		4.80	0.15	I	3	3	00082
00083	5	39	55	+1	26.9	1	1.25	0.3	1.7	2.09	0.05	1.12	3.98	0.06	1.62		1.89	0.08		4	4	00083
00084	5	40	37	-1	37.3	2	0.25	0.7	0.1	2.61	0.15	0.44	5.02	0.09	-		2.41	0.17		2	1	00084
00085	5	42	57	-4	15.6	2	4.50	0.3	4.3	2.10	0.07	1.12	6.45	0.09	7.22		4.35	0.11	I	4	3	00085
00086	5	43	53	+2	17.6	2	0.37	0.3	0.7	2.57	0.09	0.44	6.60	0.10	0.06		4.03	0.13		2	2	00086
00087	5	44	41	-1	2.6	2	2.00	0.3	1.5	2.75	0.09	0.37	8.63	0.30	0.50		5.88	0.31		4	4	00087
00088	5	47	34	+4	24.7	2	2.50	0.8	2.8	2.93	0.11	0.63	5.00	0.05	0.87		2.07	0.12		4	4	00088
00089	5	49	52	+1	51.0	1	0.31	0.2	2.5	1.73	0.05	1.56	3.69	0.04	0.16		1.96	0.06		5	5	00089
00090	5	51	50	-1	5.3	2	3.50	0.3	4.8	1.89	0.06	0.12	5.09	0.05	3.84		3.20	0.08		4	3	00090
00091	5	52	11	+0	57.0	2	0.19	0.3	2.1	2.97	0.09	0.09	5.06	0.05	1.50		2.09	0.10		3	3	00091
00092	5	55	7	+2	42.3	2	0.63	0.3	0.2	2.08	0.08	0.06	6.28	0.08	0.06		4.20	0.11		2	2	00092
00093	5	55	18	+1	13.1	2	0.75	0.3	0.2	2.64	0.07	0.28	5.04	0.05	1.41		2.40	0.09		3	3	00093
00094	5	56	24	-1	7.0	2	2.75	0.5	1.7	2.44	0.09	3.25	5.56	0.05	1.00		3.12	0.10		4	4	00094
00095	5	57	32	-3	4.6	2	6.50	0.3	1.0	1.54	0.06	2.50	3.49	0.07	2.06		1.95	0.09		4	3	00095
00096	5	59	13	-2	21.1	2	0.75	0.3	0.1	-0.19	0.06	0.12	3.55	0.07	0.12		3.74	0.09		2	2	00096
00097	6	1	30	-3	57.0	2	4.50	0.3	0.4	2.80	0.09	1.03	6.72	0.08	0.09		3.92	0.12		3	3	00097
00098	6	2	46	+0	36.9	2	2.75	0.3	1.9	2.96	0.12	0.19	5.61	0.07	0.87		2.65	0.14		2	2	00098
00099	6	8	8	+3	46.3	1	1.31	0.3	0.4	1.96	0.05	0.19	6.86	0.12	0.12		4.90	0.13		3	2	00099
00100	6	17	29	-2	55.3	2	4.50	0.3	0.4	0.85	0.05	2.53	3.22	0.06	3.84		2.37	0.08		3	3	00100

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
00051R	0 0 2 1 0 1 0 0 0 0	4.95	G8	III	1212	4706	-03	631		-5	0.2	00051
00052	0 0 1 0 0 1 0 0 0 0											00052
00053	0 0 1 0 0 1 0 0 0 0	8.00	M0			5038	+01	713		-2	0.0	00053
00054	0 0 1 0 0 2 1 0 0 0	6.94	K5			5065	-04	763		2	-0.4	00054
00055	0 0 1 0 0 1 0 0 1 0	8.20	K5				+03	572		-3	-0.2	00055
00056R	0 0 1 0 0 1 1 0 0 0	7.40	MA				-04	771		3	-0.2	00056
00057	0 0 0 1 0 2 0 0 0 0	7.30	M3			5251	-02	867		-1	0.0	00057
00058	0 0 0 1 0 1 0 0 0 0											00058
00059	0 0 1 0 0 1 0 0 0 0	5.86	K2		1366	5280	-00	687		0	-0.2	00059
00060	0 0 1 0 0 1 0 0 1 0	6.53	K0			5373	+04	691		1	0.1	00060
00061	0 0 1 0 0 1 0 0 0 0	4.91	K3	II	1437	5528	-00	713		3	-0.3	00061
00062	0 0 1 1 0 1 0 0 0 0								BD ERI	2	-0.1	00062
00063	0 0 0 1 0 1 1 0 0 0											00063
00064	0 0 1 0 0 1 0 0 0 0	5.34	M1	G	1562	5961	+02	800		2	0.1	00064
00065	0 0 1 0 0 2 0 0 0 0	4.46	K2	II	1601	6068	+01	872		0	-0.1	00065
00066	0 0 2 0 0 2 0 0 0 0	6.17	C5		1648	6221	+00	939	W ORI	-2	0.1	00066
00067	0 0 1 0 0 1 0 0 0 0								V430 ORI	1	-0.2	00067
00068	1 0 1 0 0 1 0 0 0 0	4.46	K3	III	1698	6381	+02	888		1	0.2	00068
00069	0 0 1 0 0 1 0 0 0 0	6.32	K2		1703	6394	+00	988		0	0.1	00069
00070	0 0 0 1 0 1 1 0 0 0	6.89	M3			6406	-00	890		1	0.0	00070
00071	1 0 0 0 0 1 1 0 0 0											00071
00072	0 0 0 2 0 1 1 0 0 0	5.04	K0	III	1787	6654	-01	886		-2	-0.1	00072
00073	0 0 1 0 0 1 0 0 0 0	8.17	M0			6669	+01	1007		1	0.5	00073
00074	1 0 0 0 0 1 0 0 0 0	7.50	M7E			6775	-04	1146	S ORI	-4	0.4	00074
00075	0 0 0 1 0 2 2 0 0 0	4.70	K4	III	1834	6792	-01	913	CI ORI	-1	0.1	00075
00076	0 0 0 2 0 1 1 0 0 0	2.20	09	II	1852	6848	-00	983	DEL ORI	-1	0.8	00076
00077	0 0 1 1 0 1 1 0 0 0	6.58	K5			6860	-00	986		0	-0.1	00077
00078	0 0 0 1 0 1 2 0 0 0	5.92	K0		1874	6894	-01	950		-2	-0.1	00078
00079	0 0 0 1 0 1 2 0 0 0	1.70	B0	II	1903	6960	-01	969		-3	0.1	00079
00080	0 0 0 1 0 0 2 0 0 0								X ORI	-5	0.2	00080
00081	0 0 0 1 0 0 2 0 0 0	2.05	09	II	1948	7089	-02	1338		0	0.3	00081
00082	1 0 0 0 0 1 1 0 0 0								Y ORI	-5	0.0	00082
00083	0 0 1 0 0 2 1 0 0 0	4.92	K0	III	1963	7136	+01	1105		1	-0.2	00083
00084	0 0 0 1 0 0 1 0 0 0	6.31	K2		1970	7153	-01	1012		-1	0.8	00084
00085	1 0 0 0 0 2 1 0 0 0	.9.00	F5				-04	1233		9	-0.8	00085
00086	0 0 1 0 0 1 0 0 0 0											00086
00087	0 0 0 1 0 0 3 0 0 0											00087
00088	1 0 1 0 0 1 1 0 0 0	5.98	K2	G	2019	7320	+04	1052		-1	0.1	00088
00089	0 0 1 0 0 2 2 0 0 0	4.78	K2	II	2037	7380	+01	1151		1	0.3	00089
00090	0 0 0 1 0 0 3 0 0 0	8.40	MA				-01	1059		0	-0.1	00090
00091	0 0 1 0 0 1 1 0 0 0	6.01	K0		2057	7440	+00	1208		1	-0.6	00091
00092	0 0 1 0 0 1 0 0 0 0											00092
00093	0 0 1 0 0 1 1 0 0 0	6.22	K2		2093	7517	+01	1168		-2	-0.1	00093
00094	0 0 0 1 0 0 3 0 0 0	8.60	K5				-01	1081		0	-0.2	00094
00095	2 0 0 1 0 0 1 0 0 0	4.52	K2	III	2113	7587	-03	1256		-1	-0.1	00095
00096	0 0 0 1 0 0 1 0 0 0	8.00	MC				-02	1448	V352 ORI	-3	0.1	00096
00097	1 0 0 0 0 0 2 0 0 0											00097
00098	0 0 1 0 0 0 1 0 0 0	7.26	K5			7714	+00	1270		-2	-0.2	00098
00099	1 0 1 0 0 1 0 0 0 0											00099
00100	0 0 0 1 0 0 2 0 0 0	4.89	M1	G	2275	8137	-02	1564		0	0.1	00100

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
00101	6 18 26	+2 35.5	1	0.19	0.3	2.3	1.50	0.05	0.37	4.61	0.06	0.09		3.11	0.08		3	3	00101
00102	6 19 22	-3 50.3	2	1.37	1.3	0.2	3.51	0.17	3.19	10.10	-	-	Q	6.59	-	K	2	1	00102
00103	6 19 46	+3 26.7	1	0.50	0.3	1.0	1.58	0.04	1.12	5.66	0.06	0.94		4.08	0.07		4	3	00103
00104	6 20 11	-2 10.0	2	0.25	0.3	0.1	1.23	0.05	9.06	4.84	0.08	15.75		3.61	0.09	K,I	2	2	00104
00105	6 21 30	-0 15.6	2	3.37	0.5	1.9	2.45	0.08	2.06	6.57	0.13	-		4.12	0.15		3	1	00105
00106	6 21 41	-0 4.0	3	-	0.5	-	2.09	0.09	-	7.13	0.18	-		5.04	0.20		1	1	00106
00107	6 21 41	+3 43.3	1	0.50	0.3	2.5	2.89	0.08	0.75	6.36	-	-	Q	3.47	-		4	4	00107
00108	6 22 10	+3 47.5	1	1.00	0.3	4.8	1.99	0.04	0.63	5.46	0.07	0.50		3.47	0.08		4	2	00108
00109	6 22 23	-2 56.6	2	1.87	0.5	1.0	2.97	0.11	1.12	6.14	0.08	1.06		3.17	0.14		2	2	00109
00110	6 24 36	+4 49.0	1	1.25	0.3	2.5	2.99	0.08	0.94	6.78	0.07	3.28		3.79	0.11		5	5	00110
00111	6 24 41	+0 19.6	2	1.25	0.5	0.2	2.71	0.09	0.06	4.40	0.09	0.12		1.69	0.13		2	2	00111
00112	6 24 42	-0 14.6	2	6.56	0.5	0.7	2.43	0.08	0.66	4.47	0.10	0.47		2.04	0.13		3	3	00112
00113	6 26 37	+2 41.0	2	0.75	0.5	0.7	2.00	0.06	1.69	4.62	0.06	0.09		2.62	0.08		3	3	00113
00114	6 29 11	+1 22.5	2	2.25	0.5	4.5	2.94	0.11	0.47	7.32	0.12	0.66		4.38	0.16		3	3	00114
00115	6 30 28	+1 18.7	2	8.25	0.3	1.9	2.78	0.08	0.66	5.39	0.07	0.12		2.61	0.11		3	2	00115
00116	6 31 56	+0 14.1	2	0.12	0.3	5.0	2.60	0.09	0.06	6.05	0.07	0.06		3.45	0.11		2	2	00116
00117	6 32 39	-1 28.1	2	0.75	0.3	1.1	1.44	0.05	0.94	4.68	0.06	0.66		3.24	0.08		3	3	00117
00118	6 34 44	+0 57.9	2	0.87	0.3	0.1	2.71	0.09	0.06	6.83	0.11	0.12		4.12	0.14		2	2	00118
00119	6 34 58	-1 20.9	2	0.37	0.3	0.6	1.51	0.05	24.00	6.59	0.09	24.00		5.08	0.10	K,I	3	3	00119
00120	6 35 49	-2 30.0	2	3.50	0.5	0.1	2.71	0.09	0.06	4.99	0.06	0.69		2.28	0.11		2	2	00120
00121	6 35 53	-1 36.4	2	2.50	0.3	0.7	1.88	0.06	1.87	5.92	0.11	-		4.04	0.13		4	1	00121
00122	6 36 57	-2 24.4	2	3.37	0.3	1.9	2.64	0.09	0.19	6.91	0.12	0.94		4.27	0.15		2	2	00122
00123	6 39 1	-4 32.6	2	1.50	0.5	0.2	2.91	0.12	0.09	7.03	0.11	0.84		4.12	0.16		3	3	00123
00124	6 40 26	+3 5.8	2	0.19	0.5	0.7	2.98	0.10	1.03	5.15	0.05	0.84		2.17	0.11		3	3	00124
00125	6 41 59	+3 22.2	1	1.25	0.3	1.9	2.76	0.08	0.47	6.83	0.15	-		4.07	0.17		5	1	00125
00126	6 44 37	+1 35.3	1	0.94	0.2	1.6	1.77	0.04	0.47	5.32	0.04	2.34		3.55	0.06		5	5	00126
00127	6 45 2	+0 45.1	2	0.50	0.5	1.4	2.94	0.10	1.56	7.40	0.15	1.37		4.46	0.18		2	2	00127
00128	6 45 14	+2 28.2	2	3.56	0.3	0.4	2.06	0.06	0.28	3.70	0.06	0.37		1.64	0.08		3	3	00128
00129	6 46 29	-1 36.5	2	1.50	0.3	1.5	2.79	0.11	0.56	6.85	0.11	0.19		4.06	0.16		3	3	00129
00130	6 46 58	+3 13.6	1	13.00	0.3	2.8	2.58	0.06	0.50	6.26	0.06	1.37		3.68	0.08		4	4	00130
00131	6 47 5	+3 2.1	2	1.62	0.7	0.1	2.81	0.10	3.44	7.36	-	-	Q	4.55	-	K	2	1	00131
00132	6 48 15	-0 0.5	2	-	0.5	-	2.40	0.10	-	6.30	0.11	-		3.90	0.15		1	1	00132
00133	6 48 56	+0 1.9	2	2.37	0.5	0.2	2.77	0.12	0.06	5.63	0.09	-		2.86	0.15		2	1	00133
00134	6 49 18	+4 49.5	1	3.12	0.2	4.1	0.48	0.04	2.97	4.08	0.05	1.09		3.60	0.06		5	5	00134
00135	6 49 37	-3 58.3	2	0.12	0.7	0.2	2.75	0.10	0.69	6.98	0.12	5.00		4.23	0.16	I	2	2	00135
00136	6 50 45	-4 30.7	2	0.19	0.3	0.2	2.35	0.07	0.94	6.00	0.06	4.41		3.65	0.09		3	3	00136
00137	6 51 30	+0 51.3	2	0.12	0.3	0.1	1.96	0.07	0.06	5.72	0.07	2.94		3.76	0.10	I	2	2	00137
00138	6 51 40	+2 57.1	2	2.44	0.7	1.7	2.89	0.10	1.41	6.20	0.07	5.34		3.31	0.12	I	3	3	00138
00139	6 54 11	+0 52.3	2	0.37	0.3	0.1	2.58	0.10	0.06	5.52	0.07	0.25		2.94	0.12		2	2	00139
00140	6 55 7	+3 22.4	1	11.00	0.3	1.7	1.91	0.06	1.62	6.50	0.06	3.00		4.59	0.08		4	4	00140
00141	6 58 30	-3 10.7	2	1.00	0.5	1.2	1.99	0.08	0.06	5.45	0.07	1.06		3.46	0.11		2	2	00141
00142	6 58 44	-2 4.3	2	0.12	0.5	0.1	3.02	0.11	3.75	6.27	0.08	2.69		3.25	0.14	K	2	2	00142
00143	6 59 36	-3 40.5	2	2.50	0.3	0.1	2.14	0.07	1.06	4.91	0.07	1.00		2.77	0.10		2	2	00143
00144	7 1 7	-3 6.4	2	1.12	0.7	0.1	2.54	0.12	0.19	7.04	0.13	0.69		4.50	0.18		2	2	00144
00145	7 1 32	-4 33.8	2	1.69	0.5	0.2	2.66	0.11	0.19	5.75	0.06	3.56		3.09	0.13		3	3	00145
00146	7 5 59	+4 15.2	2	5.25	0.3	0.2	2.14	0.06	1.37	5.04	0.05	0.84		2.90	0.08		4	3	00146
00147	7 7 46	-4 9.4	2	0.56	0.3	1.5	2.49	0.08	0.56	4.25	0.08	0.56		1.76	0.11		3	3	00147
00148	7 10 20	+2 43.0	2	2.44	0.5	0.2	2.82	0.08	0.66	7.29	0.12	2.16		4.47	0.14		3	3	00148
00149	7 11 16	-3 52.0	2	0.12	0.3	1.5	2.00	0.09	0.19	5.29	0.09	-		3.29	0.13		2	1	00149
00150	7 11 45	-3 48.6	2	0.12	0.5	0.6	2.34	0.09	0.12	4.49	-	-	Q	2.15	-		2	2	00150

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
00101	0 0 1 0 0 1 1 0 0 0	7.70	MB				+02 1196		-1	-0.1	00101
00102	1 0 0 0 0 0 1 0 0 0										00102
00103	1 0 1 0 0 1 1 0 0 0							FU MON	-1	-0.3	00103
00104	0 0 0 1 0 0 1 0 0 0	6.00	M6E			8213	-02 1581	V MON	-2	0.2	00104
00105	0 0 0 2 0 0 1 0 0 0										00105
00106	0 0 0 0 0 0 1 0 0 0										00106
00107	1 0 1 0 0 1 1 0 0 0										00107
00108	1 0 1 0 0 1 1 0 0 0	8.70	MA				+03 1233		0	0.0	00108
00109	0 0 0 1 0 0 1 0 0 0										00109
00110	1 0 1 0 0 1 2 0 0 0										00110
00111	0 0 1 0 0 0 1 0 0 0	5.19	K1	II	2334	8355	+00 1426		1	-0.2	00111
00112	0 0 0 2 0 0 1 0 0 0	5.55	K5	G	2335	8356	-00 1299		0	0.0	00112
00113	0 0 1 0 0 1 1 0 0 0	6.16	M1		2355	8419	+02 1253		-1	0.2	00113
00114	0 0 1 0 0 0 2 0 0 0										00114
00115	0 0 1 0 0 0 2 0 0 0	7.60	K5				+01 1391		-3	0.0	00115
00116	0 0 1 0 0 0 1 0 0 0										00116
00117	0 0 0 1 0 0 2 0 0 0	8.40	MB				-01 1288		-2	0.0	00117
00118	0 0 1 0 0 0 1 0 0 0							CX MON	3	0.3	00118
00119	0 0 0 1 0 0 2 0 0 0							SY MON	-2	-0.1	00119
00120	0 0 0 1 0 0 1 0 0 0	6.15	K2		2440	8664	-02 1691		-1	-0.1	00120
00121	0 0 0 1 0 0 3 0 0 0										00121
00122	0 0 0 1 0 0 1 0 0 0										00122
00123	1 0 0 0 0 1 1 0 0 0							V372 MON	3	0.3	00123
00124	1 0 0 0 0 1 1 0 0 0	6.18	K0		2474	8775	+03 1371		-3	0.7	00124
00125	1 0 2 0 0 1 1 0 0 0							CZ MON	-5	0.1	00125
00126	0 0 1 0 0 0 4 0 0 0	8.60	MA				+01 1506	MR MON	0	0.2	00126
00127	0 0 1 0 0 0 1 0 0 0	8.80	A2				+00 1600		5	0.1	00127
00128	0 0 1 0 0 0 2 0 0 0	4.47	K0	III	2506	8892	+02 1397		-1	0.1	00128
00129	0 0 0 1 0 0 2 0 0 0							V377 MON	-2	-0.3	00129
00130	1 0 1 0 0 1 1 9 0 0										00130
00131	0 0 0 0 0 1 1 0 0 0										00131
00132	0 0 0 0 0 0 1 0 0 0										00132
00133	0 0 1 0 0 0 1 0 0 0	8.70	M2				+00 1650		1	0.2	00133
00134	1 0 1 0 0 1 2 0 0 0	8.50	MB				+04 1476	SX MON	0	0.0	00134
00135	1 0 0 0 0 0 1 0 0 0							EG MON	0	0.3	00135
00136	1 0 0 0 0 1 1 0 0 0	9.00	NB				-04 1708	GY MON	2	0.1	00136
00137	0 0 1 0 0 0 1 0 0 0							QR MON	-2	0.1	00137
00138	1 0 0 0 0 0 2 0 0 0										00138
00139	0 0 1 0 0 0 1 0 0 0	8.20	K5				+00 1719		-3	0.1	00139
00140	2 0 1 0 0 0 1 0 0 0							AZ MON	-2	0.1	00140
00141	1 0 0 0 0 0 1 0 0 0	7.70	R5				-03 1685		-2	0.1	00141
00142	0 0 0 1 0 0 1 0 0 0	9.00	M2				-01 1504		-1	0.7	00142
00143	1 0 0 0 0 0 1 0 0 0	6.79	K0			9272	-03 1694		-2	0.4	00143
00144	1 0 0 0 0 0 1 0 0 0							MV MON	-2	0.5	00144
00145	1 0 0 0 0 1 1 0 0 0	8.30	K5				-04 1797		0	-0.9	00145
00146	1 0 1 0 0 0 2 0 0 0	7.70	MA				+04 1599		0	-0.2	00146
00147	1 0 0 0 0 1 1 0 0 0	4.91	K0	III	2701	9477	-04 1840		1	0.1	00147
00148	0 0 1 0 0 0 2 0 0 0							XX CMI	-2	0.1	00148
00149	1 0 0 0 0 0 1 0 0 0	9.00	MC				-03 1800		0	-0.2	00149
00150	1 0 0 0 0 0 1 0 0 0	5.75	K5	G	2731	9589	-03 1804		3	0.2	00150

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
00151	7	11	45	+3	12.4	2	0.25	0.3	0.2	2.67	0.07	0.12	4.61	0.05	4.50		1.94	0.09		4	4	00151
00152	7	12	47	+0	43.1	2	2.00	0.3	2.8	3.00	0.11	1.62	5.85	0.07	0.50		2.85	0.13		2	2	00152
00153	7	14	58	+1	11.2	2	3.25	0.5	0.4	2.36	0.08	0.06	6.01	0.08	16.00		3.65	0.11	I	2	2	00153
00154	7	16	26	+3	37.6	1	0.31	0.2	2.5	1.47	0.04	1.87	4.91	0.04	4.37		3.44	0.06		5	4	00154
00155	7	26	46	-1	48.1	2	0.37	0.3	0.5	2.19	0.07	0.06	4.37	0.10	0.44		2.18	0.12		2	2	C0155
00156	7	26	52	-4	10.7	2	6.00	0.5	0.2	2.95	0.10	0.19	7.28	0.13	11.44		4.33	0.16	I	3	3	00156
00157	7	27	47	+3	25.0	2	0.25	0.3	0.2	2.99	0.09	0.12	5.51	0.05	1.25		2.52	0.10		4	4	00157
00158	7	33	54	+2	11.2	2	6.37	0.5	1.7	2.83	0.08	0.09	6.76	0.09	0.09		3.93	0.12		3	3	00158
00159	7	36	22	-0	8.9	2	0.12	0.5	0.1	2.42	0.09	0.06	5.05	0.06	0.19		2.63	0.11		2	2	00159
00160	7	38	11	+4	10.7	2	1.75	0.5	1.2	2.95	0.09	0.50	5.29	0.05	0.12		2.34	0.10		4	4	00160
00161	7	39	21	-4	3.5	2	5.06	0.3	0.6	1.82	0.08	0.28	5.76	0.07	2.81		3.94	0.11		3	3	00161
00162	7	48	41	-2	29.6	2	0.50	0.5	0.1	2.80	0.10	4.31	7.95	0.25	0.06		5.15	0.27	K	2	2	00162
00163	7	49	28	+3	24.5	1	4.87	0.2	2.3	0.86	0.04	0.56	3.76	0.05	4.31		2.90	0.06		6	6	00163
00164	7	50	2	-2	29.6	2	1.62	0.5	0.1	2.25	0.07	1.31	5.21	0.06	0.81		2.96	0.09		2	2	00164
00165	7	57	14	-3	32.8	2	1.69	0.3	0.9	2.22	0.09	1.41	4.01	0.08	0.09		1.79	0.12		3	3	00165
00166	7	58	41	-1	15.4	2	6.00	0.3	0.6	1.15	0.05	1.03	3.35	0.06	0.47		2.20	0.08		3	3	00166
00167	7	59	42	+2	28.4	2	0.56	0.3	0.6	1.49	0.05	1.78	3.39	0.06	0.47		1.90	0.08		3	3	00167
00168	8	4	3	-4	49.6	2	0.12	0.5	0.4	2.92	0.13	0.31	5.91	0.08	2.31		2.99	0.15		2	2	00168
00169	8	5	11	-3	16.1	2	3.19	0.5	0.7	2.10	0.08	0.66	4.89	0.07	3.00		2.79	0.11	I	3	2	00169
00170	8	5	50	-0	55.4	2	1.50	0.3	0.1	2.47	0.08	0.06	5.76	0.07	0.25		3.29	0.11		2	2	00170
00171	8	6	4	-2	49.4	2	0.37	0.5	4.5	2.29	0.08	1.00	3.64	0.07	0.44		1.35	0.11		2	2	00171
00172	8	17	31	+2	55.6	1	0.31	0.3	1.6	2.14	0.06	0.94	6.67	0.06	16.72		4.53	0.08	I	5	5	00172
00173R	8	22	29	+4	39.9	1	3.50	0.2	4.8	2.62	0.06	0.66	5.49	-	-	Q	2.87	-		7	7	00173
00174	8	22	58	+2	16.0	1	3.75	0.2	3.8	2.28	0.05	0.16	4.55	0.05	0.78		2.27	0.07		5	5	00174
00175	8	23	36	-4	44.4	2	0.37	0.3	0.2	0.83	0.05	0.47	4.91	0.07	2.37		4.08	0.09		3	2	00175
00176	8	36	8	+3	30.7	1	3.44	0.2	1.6	1.80	0.04	1.41	3.56	0.05	0.78		1.76	0.06		5	5	00176
00177	8	38	25	-0	30.6	2	0.12	0.3	1.1	2.13	0.07	0.06	6.46	0.10	0.50		4.33	0.12		2	2	00177
00178	8	39	39	-2	52.4	2	0.75	0.3	1.5	1.88	0.06	0.09	4.91	0.06	1.87		3.03	0.08		3	2	00178
00179	8	43	46	+1	48.9	1	4.37	0.2	4.4	0.21	0.04	6.41	4.58	0.05	2.37		4.37	0.06		5	4	00179
00180	8	49	34	-3	13.2	2	0.12	0.3	0.7	1.42	0.07	0.06	5.66	0.07	2.62		4.24	0.10		2	2	00180
00181	8	50	6	+4	2.0	1	0.31	0.3	0.9	2.90	0.07	3.91	6.23	0.05	1.41		3.33	0.09		5	5	00181
00182	8	56	45	+1	59.3	2	0.19	0.3	0.4	2.92	0.09	1.03	6.61	0.08	3.19		3.69	0.12		3	3	00182
00183	9	4	23	+1	39.9	1	5.31	0.2	0.9	1.62	0.04	0.94	4.34	0.06	1.09		2.72	0.07		5	5	00183
00184	9	7	42	-2	10.4	2	1.25	0.5	2.5	2.72	0.09	0.06	6.72	0.11	0.81		4.00	0.14		2	2	00184
00185	9	12	43	-3	46.0	2	1.00	0.5	0.1	1.44	0.07	0.06	4.88	0.07	0.19		3.44	0.10		2	2	00185
00186	9	18	3	+0	23.6	1	0.37	0.3	0.6	1.22	0.05	0.56	4.23	0.08	1.59		3.01	0.09		3	3	00186
00187	9	22	54	-4	54.8	2	2.06	0.3	2.1	2.03	0.06	1.03	4.37	0.08	0.09		2.34	0.10		3	3	00187
00188	9	32	55	-1	34.3	2	3.12	0.3	0.9	2.36	0.08	1.72	5.85	0.06	0.50		3.49	0.10		5	4	00188
00189	9	35	53	+4	52.5	1	6.12	0.2	1.7	1.54	0.03	5.03	3.58	0.04	1.87		2.04	0.05		7	6	00189
00190	9	37	17	-0	55.0	1	8.75	0.2	2.2	0.91	0.03	1.53	2.83	0.04	1.41		1.92	0.05		7	5	00190
00191	9	52	26	+0	3.3	1	5.94	0.3	5.3	2.92	0.07	5.16	5.89	0.05	1.41		2.97	0.09		5	5	00191
00192	10	4	58	+1	9.7	1	1.87	0.2	0.7	2.05	0.04	1.31	4.82	0.04	0.37		2.77	0.06		6	6	00192
00193	10	21	0	-3	23.2	2	0.25	0.3	0.1	2.11	0.08	0.06	4.72	0.07	0.06		2.61	0.11		2	2	00193
00194	10	24	7	-0	43.6	2	1.69	0.5	0.7	2.94	0.08	0.09	5.26	0.05	0.56		2.32	0.09		3	3	00194
00195	10	46	6	-1	42.0	1	0.19	0.3	0.6	1.73	0.04	0.84	4.26	0.08	0.09		2.53	0.09		3	3	00195
00196	10	48	32	-2	49.5	2	0.75	0.3	1.2	2.55	0.07	0.37	4.83	0.04	1.87		2.28	0.08		4	4	00196
00197	10	50	1	+0	3.1	2	0.56	0.5	1.3	2.73	0.10	1.87	5.04	0.06	1.50		2.31	0.12		3	2	00197
00198	10	50	11	+2	23.0	2	1.87	0.5	0.6	2.85	0.09	2.91	5.54	0.06	0.56		2.69	0.11		3	3	00198
00199	10	57	58	+3	53.0	2	1.87	0.3	0.6	2.24	0.06	0.37	4.02	0.07	0.66		1.78	0.09		3	3	00199
00200	10	59	19	-2	12.9	1	2.50	0.3	0.2	0.79	0.03	1.37	3.16	0.05	0.37		2.37	0.06		4	4	00200

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
00151	1 0 1 0 0 0 2 0 0 0	5.35	K0	G	2729	9590	+03	1609		2	0.5	00151
00152	0 0 1 0 0 0 1 0 0 0	8.30	MA				+00	1869		1	0.4	00152
00153	0 0 1 0 0 0 1 0 0 0								RR MON	1	0.1	00153
00154	1 0 1 0 0 0 3 0 0 0	8.30	MB				+03	1639		0	0.1	00154
00155	0 0 0 1 0 0 1 0 0 0	5.59	K5	G	2865	10017	-01	1738		-1	-0.1	00155
00156	1 0 0 0 0 1 1 0 0 0								RX MON	-1	-0.3	00156
00157	1 0 1 0 0 0 2 0 0 0	7.50	K2				+03	1701		-1	0.2	00157
00158	0 0 1 0 0 0 2 0 0 0											00158
00159	0 0 0 1 0 0 1 0 0 0	7.50	MA				+00	2029		-2	-0.2	00159
00160	1 0 1 0 0 0 2 0 0 0	7.70	K0			10333	+04	1781		0	-0.5	00160
00161	1 0 0 0 0 1 1 0 0 0											00161
00162	0 0 0 1 0 0 1 0 0 0											00162
00163	2 0 2 0 0 0 2 0 0 0	6.31	M4		3061	10630	+03	1824		-2	0.0	00163
00164	0 0 0 1 0 0 1 0 0 0	7.80	MA				-02	2325		-2	-0.1	00164
00165	2 0 0 0 0 0 1 0 0 0	4.93	K2	III	3122	10811	-03	2157		0	-0.2	00165
00166	0 0 0 1 0 0 2 0 0 0	4.68	K4	III	3141	10870	-00	1882		0	-0.2	00166
00167	0 0 1 0 0 0 2 0 0 0	4.40	K2	III	3145	10891	+02	1854		2	0.0	00167
00168	1 0 0 0 0 1 0 0 0 0	8.80	MA				-04	2218		-1	0.1	00168
00169	1 0 0 0 0 0 2 0 0 0	6.80	M0			11028	-02	2437		0	-0.5	00169
00170	0 0 0 1 0 0 1 0 0 0	8.60	MA				-00	1917		-4	-2.3	00170
00171	0 0 0 1 0 0 1 0 0 0	4.35	G2	II	3188	11051	-02	2450		-2	0.8	00171
00172	1 0 1 1 0 0 2 0 0 0								RY HYA	1	0.2	00172
00173R	1 0 1 1 0 0 4 0 0 0	8.00	MB				+04	1972		1	0.2	00173
00174	0 0 2 1 0 0 2 0 0 0	5.72	K5	G	3305	11493	+02	1965		-2	0.0	00174
00175	1 0 0 0 0 2 0 0 0 0	8.80	K5				-04	2334		5	-0.7	00175
00176	1 0 1 1 0 0 2 0 0 0	4.44	K2	III	3418	11856	+03	2026		-1	-0.3	00176
00177	0 0 0 1 0 0 1 0 0 0											00177
00178	0 0 0 2 0 0 1 0 0 0	7.50	MA				-02	2659		0	-0.2	00178
00179	0 0 1 1 0 0 3 0 0 0	9.00	M5				+02	2062	EY HYA	0	-0.1	00179
00180	1 0 0 0 0 0 1 0 0 0											00180
00181	1 0 1 1 0 0 2 0 0 0	8.90	M5				+04	2063		-1	-0.3	00181
00182	0 0 1 0 0 0 2 0 0 0											00182
00183	0 0 1 1 0 0 3 0 0 0	6.17	M1		3618	12581	+02	2145		-3	0.0	00183
00184	0 0 0 1 0 0 1 0 0 0											00184
00185	1 0 0 0 0 0 1 0 0 0	•8.50	MC				-03	2628		3	-0.4	00185
00186	1 0 1 0 0 0 1 0 0 0	6.82	M3			12882	+00	2499		0	0.0	00186
00187	1 0 0 0 0 2 0 0 0 0	5.60	K5	III	3738	12992	-04	2616		0	-0.7	00187
00188	0 0 0 1 0 0 4 0 0 0	9.10	M5				-01	2282		-1	-0.5	00188
00189	1 0 1 2 0 0 3 0 0 0	4.67	K3	III	3834	13316	+05	2207		2	-0.1	00189
00190	0 0 0 1 0 0 6 0 0 0	3.89	K3	III	3845	13341	-00	2231		-1	-0.1	00190
00191	1 0 0 0 0 0 4 0 0 0	8.50	MA				+00	2582		-2	0.0	00191
00192	1 0 1 0 0 0 4 0 0 0	6.99	M0			13908	+01	2403		-1	0.0	00192
00193	1 0 0 0 0 0 1 0 0 0	6.67	K5			14272	-02	3132		-1	0.1	00193
00194	1 0 0 1 0 0 1 0 0 0	6.78	K0			14333	-00	2341		3	0.4	00194
00195	1 0 0 1 0 0 1 0 0 0	5.93	M2	G	4224	14877	-01	2446		-2	-0.3	00195
00196	1 0 0 2 0 0 1 0 0 0	5.95	K2		4240	14919	-02	3236		-1	0.1	00196
00197	1 0 0 1 0 0 1 0 0 0	6.31	K5		4245	14952	+00	2710		-2	-0.8	00197
00198	1 0 0 1 0 0 1 0 0 0	7.20	MA				+02	2367		0	0.3	00198
00199	1 0 0 1 0 0 1 0 0 0	4.84	K1	III	4291	15125	+04	2407		-1	-0.2	00199
00200	1 0 0 2 0 0 1 0 0 0	4.73	K5	III	4299	15151	-01	2471		1	0.0	00200

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NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
00201	11 1 8	-2 56.1	1	4.06	0.2	1.9	1.20	0.03	5.16	4.99	0.04	3.75		3.79	0.05		5	5	00201
00202	11 3 30	+1 29.1	2	0.37	0.7	0.1	2.33	0.09	0.50	5.23	0.07	0.19		2.90	0.11		2	2	00202
00203	11 14 43	+2 17.0	1	0.37	0.3	0.9	1.40	0.04	0.37	3.71	0.07	0.28		2.31	0.08		3	3	00203
00204	11 20 43	+0 24.5	2	2.00	0.5	0.1	2.60	0.09	0.06	4.88	0.06	0.44		2.28	0.11		2	2	00204
00205	11 25 24	+3 7.0	2	0.37	0.3	0.2	2.75	0.08	0.56	4.26	0.08	0.56		1.51	0.11		3	3	00205
00206	11 27 44	-2 43.5	1	0.75	0.3	1.5	1.17	0.04	2.87	3.42	0.05	1.37		2.25	0.06		4	4	00206
00207	11 28 48	-4 0.6	2	1.00	0.5	1.5	2.55	0.09	0.50	5.84	0.05	2.37		3.29	0.10		4	4	00207
00208	11 31 3	+2 46.5	2	0.37	0.3	0.4	2.46	0.07	0.56	5.00	0.05	0.56		2.54	0.09		3	3	00208
00209	11 34 24	-0 32.9	2	0.37	0.3	7.1	1.98	0.05	0.09	3.59	0.06	0.28		1.61	0.08		3	3	00209
00210	11 35 16	+4 35.8	2	4.25	0.3	2.3	2.89	0.07	0.50	6.43	0.06	2.37		3.54	0.09		4	4	00210
00211	11 46 44	-3 2.1	2	0.63	0.3	0.3	2.24	0.06	0.47	5.62	0.05	3.12		3.38	0.08		5	5	00211
00212	11 48 7	+2 2.6	1	3.00	0.3	1.0	2.32	0.06	0.50	3.22	0.06	0.09		0.90	0.08		4	3	00212
00213	11 55 41	+3 45.1	1	6.50	0.3	1.7	2.14	0.05	0.75	4.86	0.04	0.63		2.72	0.06		4	4	00213
00214	12 2 3	+2 53.8	2	0.19	0.3	0.2	2.59	0.08	3.00	6.25	0.07	4.41		3.66	0.11		3	3	00214
00215	12 17 50	+3 34.8	2	5.00	0.3	2.3	2.16	0.05	2.50	4.07	0.07	0.37		1.91	0.09		4	3	00215
00216	12 22 0	-4 45.6	2	0.19	0.7	0.9	2.72	0.10	0.66	6.77	0.10	0.28		4.05	0.14		3	3	00216
00217	12 22 40	+1 2.9	2	2.50	0.3	0.2	0.73	0.05	4.19	4.30	0.10	0.06		3.57	0.11	K	2	2	00217
00218	12 26 34	-3 50.0	2	0.94	0.3	0.2	2.51	0.08	0.56	5.83	0.06	0.66		3.32	0.10		3	3	00218
00219	12 26 35	-2 9.4	1	1.75	0.3	1.7	1.94	0.04	1.37	4.82	0.04	1.12		2.88	0.06		4	4	00219
00220	12 27 48	+4 41.0	1	12.00	0.3	1.2	-0.90	0.04	2.12	3.12	0.05	2.37		4.02	0.06		4	4	00220
00221	12 35 50	+2 8.0	1	2.50	0.3	0.7	0.97	0.03	1.50	3.65	0.05	0.37		2.68	0.06		4	4	00221
00222	12 36 9	-4 5.6	1	4.50	0.2	4.5	2.72	0.06	2.50	5.20	0.04	0.94		2.48	0.07		8	6	00222
00223	12 39 8	-1 10.6	1	0.25	0.3	0.5	1.88	0.04	0.75	2.50	0.04	2.87		0.62	0.06		4	4	00223
00224	12 44 47	+4 24.7	2	0.37	0.3	1.5	2.38	0.07	24.00	7.62	0.20	6.31		5.24	0.21	K,I	3	2	00224
00225	12 45 19	+3 50.5	2	0.19	0.3	1.5	1.93	0.05	0.47	4.72	0.05	1.22		2.79	0.07		3	3	00225
00226	12 53 5	+3 40.0	1	1.31	0.3	0.7	-1.22	0.04	2.44	*	-	-		-	-		3	0*	00226
00227	12 57 30	+0 34.6	2	0.12	0.5	0.4	2.95	0.11	0.06	5.82	0.07	2.00		2.87	0.13		2	2	00227
00228	12 58 59	+1 47.4	1	0.75	0.3	1.0	2.38	0.06	0.37	5.40	0.05	2.25		3.02	0.08		4	4	00228
00229	13 10 14	-1 29.4	1	3.75	0.3	2.5	1.09	0.04	0.63	4.36	0.05	2.19		3.27	0.06		5	5	00229
00230	13 11 30	-2 32.5	1	0.63	0.3	0.7	-1.74	0.06	1.00	2.29	0.07	0.37		4.03	0.09		2*	2	00230
00231	13 12 29	+4 46.9	1	0.94	0.3	0.9	1.59	0.04	0.94	4.81	0.04	2.66		3.22	0.06		5	5	00231
00232	13 19 31	+3 0.6	2	5.00	0.3	0.2	2.23	0.06	0.63	5.33	0.07	0.06		3.10	0.09		4	2	00232
00233	13 19 53	-3 30.4	2	0.75	0.3	2.6	1.95	0.07	0.75	5.80	0.06	0.94		3.85	0.09		3	3	00233
00234	13 20 43	-4 39.9	2	0.56	0.3	3.6	2.45	0.08	0.28	4.78	0.05	1.41		2.33	0.09		3	3	00234
00235	13 32 58	-4 8.1	1	1.25	0.3	0.6	2.93	0.08	1.09	6.10	0.06	0.50		3.17	0.10		5	4	00235
00236	13 40 31	+3 47.0	2	4.31	0.3	0.2	2.85	0.08	2.06	4.66	0.05	0.75		1.81	0.09		3	3	00236
00237	13 49 17	-3 25.5	2	2.25	0.3	0.6	0.84	0.05	0.47	4.71	0.06	3.19		3.87	0.08		3	3	00237
00238	13 52 7	-1 15.4	1	1.56	0.3	1.6	2.71	0.06	1.56	4.51	0.06	1.50		1.80	0.08		5	4	00238
00239	14 12 21	+3 33.9	1	3.75	0.3	3.8	1.54	0.04	0.47	4.43	0.06	0.09		2.89	0.07		3	3	00239
00240	14 16 59	-2 2.1	2	1.25	0.3	1.5	2.73	0.07	2.12	4.45	0.05	0.12		1.72	0.09		4	4	00240
00241	14 19 1	-2 9.6	1	1.50	0.3	0.2	1.82	0.04	0.12	5.31	0.05	0.12		3.49	0.06		4	4	00241
00242	14 22 2	-2 7.1	2	2.00	0.3	0.7	2.77	0.07	0.63	5.45	0.05	0.50		2.68	0.09		4	4	00242
00243	14 24 50	+4 53.9	1	0.25	0.3	1.7	1.48	0.04	25.88	6.44	0.07	32.00		4.96	0.08	K,I	4	4	00243
00244	14 28 17	+4 59.8	2	0.31	0.3	0.6	2.64	0.07	0.78	5.01	0.04	4.84		2.37	0.08		5	5	00244
00245	14 29 43	+4 21.5	2	0.63	0.3	0.1	2.85	0.09	0.06	5.49	0.07	0.06		2.64	0.11		2	2	00245
00246	14 35 22	+3 44.0	2	0.75	0.3	0.1	2.24	0.07	0.25	6.02	0.07	0.63		3.78	0.10		2	2	00246
00247	14 35 53	-3 23.7	1	1.00	0.3	2.3	2.47	0.07	2.00	5.26	0.05	0.12		2.79	0.09		4	4	00247
00248	14 39 22	-3 18.7	2	1.25	0.3	0.2	2.45	0.07	4.12	5.91	0.06	7.50		3.46	0.09	I	4	4	00248
00249	14 42 38	-1 12.7	1	4.87	0.2	1.9	1.75	0.04	0.94	4.42	0.06	0.78		2.67	0.07		6	5	00249
00250	14 45 11	-3 10.0	2	1.50	0.5	1.2	2.81	0.08	4.12	6.20	0.06	0.37		3.39	0.10		4	4	00250

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
00201	1 0 0 2 0 0 2 0 0 0	9.00	MC				-02 3280	SX LEO	3	0.0	00201
00202	1 0 0 0 0 0 1 0 0 0	7.40	MA				+01 2519		1	0.3	00202
00203	1 0 0 1 0 0 1 0 0 0	5.18	M0	III	4371	15520	+02 2409		0	-0.1	00203
00204	1 0 0 0 0 0 1 0 0 0	6.05	K3		4394	15639	+00 2782		-2	0.1	00204
00205	1 0 0 1 0 0 1 0 0 0	4.95	G8	II	4418	15729	+03 2504		1	-0.9	00205
00206	1 0 0 2 0 0 1 0 0 0	4.77	K4	III	4432	15779	-02 3360		-2	0.1	00206
00207	1 0 0 1 0 1 1 0 0 0	8.90	MB				-03 3134		1	0.8	00207
00208	1 0 0 1 0 0 1 0 0 0	6.74	K5			15852	+03 2519		0	0.0	00208
00209	1 0 0 1 0 0 1 0 0 0	4.30	G9	III	4471	15927	-00 2458		0	0.0	00209
00210	1 0 0 1 0 0 2 0 0 0	8.70	M5				+05 2517		1	-0.3	00210
00211	2 0 0 2 0 0 1 0 0 0	8.80	MA				-02 3420		0	-0.1	00211
00212	1 0 0 1 0 0 2 0 0 0	3.61	F8	V	4540	16215	+02 2489		1	-0.2	00212
00213	1 1 0 1 0 0 1 0 0 0	6.89	M0			16370	+04 2553		0	-0.5	00213
00214	1 0 0 1 0 0 1 0 0 0	9.00	MA				+03 2593	TZ VIR	0	-0.1	00214
00215	0 1 0 2 0 0 1 0 0 0	4.95	K1	III	4695	16828	+04 2604		0	-0.8	00215
00216	1 0 0 0 1 0 0 1 0 0										00216
00217	1 0 0 0 0 0 1 0 0 0							SS VIR	-2	0.1	00217
00218	1 0 0 1 0 0 1 0 0 0	8.80	MB				-03 3304		-2	0.0	00218
00219	1 0 0 2 0 0 1 0 0 0	7.60	M0			17014	-01 2674		0	-0.2	00219
00220	0 1 0 1 0 0 2 0 0 0	8.20	MC				+05 2634	BK VIR	0	-0.6	00220
00221	2 0 0 1 0 0 1 0 0 0	5.71	M3	G	4807	17209	+02 2560		0	0.2	00221
00222	1 0 0 1 2 0 2 2 0 0	6.94	K5			17218	-03 3329		0	0.3	00222
00223	1 0 0 1 0 0 1 1 0 0	3.65	F0	V	4825	17270	-00 2601		0	-0.1	00223
00224	0 1 0 1 0 0 1 0 0 0							RU VIR	1	-0.3	00224
00225	0 1 0 1 0 0 1 0 0 0	6.41	M4	G	4858	17381	+04 2653		0	-0.2	00225
00226	0 1 0 1 0 0 1 0 0 0	3.38	M3	III	4910	17543	+04 2669		-1	-0.1	00226
00227	1 0 0 0 0 0 0 1 0 0	8.00	MA				+01 2776		-2	0.0	00227
00228	1 0 0 1 0 0 1 1 0 0	7.90	M0			17676	+02 2614		2	0.0	00228
00229	1 0 0 2 0 0 1 1 0 0	7.30	MB				-00 2668		2	0.2	00229
00230	1 0 0 2 0 0 1 0 0 0	7.90	MB				-02 3653	SW VIR	0	0.0	00230
00231	0 1 0 1 0 0 3 0 0 0	8.10	MB				+05 2728		-2	0.0	00231
00232	1 1 0 1 0 0 1 0 0 0	7.90	MA				+03 2762		1	-0.5	00232
00233	1 0 0 1 0 0 1 0 0 0										00233
00234	1 0 0 0 1 0 0 1 0 0	5.89	K3	G	5047	18109	-04 3469		0	-0.1	00234
00235	1 0 0 1 1 0 1 1 0 0	8.70	K5				-03 3501		1	0.0	00235
00236	0 1 0 1 0 0 1 0 0 0	5.37	K2	III	5159	18540	+04 2775		-2	-0.4	00236
00237	1 0 0 1 0 0 1 0 0 0	9.30	MB				-02 3749	AY VIR	0	0.3	00237
00238	1 0 0 2 0 0 1 1 0 0	5.15	K2	III	5232	18800	-00 2758		-2	0.1	00238
00239	0 1 0 1 0 0 1 0 0 0	6.45	M4	G	5331	19223	+04 2841		-1	-0.2	00239
00240	1 0 0 2 0 0 1 0 0 0	5.24	G8	III	5366	19323	-01 2938		1	0.0	00240
00241	1 0 0 2 0 0 1 0 0 0	8.80	MB				-01 2942		0	-0.2	00241
00242	1 0 0 2 0 0 1 0 0 0	7.40	M0			19438	-01 2951		1	-0.1	00242
00243	0 1 0 1 1 0 1 0 0 0							RS VIR	3	-0.2	00243
00244	0 1 0 2 1 0 1 0 0 0	6.00	K4	G	5424	19572	+05 2886		1	0.1	00244
00245	0 1 0 0 0 0 1 0 0 0	7.40	M0			19598	+04 2878		0	-0.3	00245
00246	0 1 0 0 0 0 1 0 0 0							CR VIR	-3	0.5	00246
00247	1 1 0 1 0 0 1 0 0 0	7.35	M0			19724	-02 3873		0	0.0	00247
00248	1 1 0 1 0 0 1 0 0 0	9.00	M5P				-02 3886		-1	-0.1	00248
00249	1 0 0 2 0 0 2 1 0 0	6.23	M1	G	5496	19852	-00 2867		0	-0.3	00249
00250	1 1 0 1 0 0 1 0 0 0										00250

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
00251	14 48 26	-2 5.6	2	1.87	0.3	1.6	2.60	0.07	0.47	4.25	0.05	0.78		1.65	0.09		5	5	00251
00252	14 48 28	-0 2.9	2	0.75	0.5	2.3	2.84	0.10	0.84	5.00	0.08	2.62		2.16	0.13		3	3	00252
00253	14 51 9	+2 25.9	2	1.50	0.5	2.6	2.90	0.10	0.47	5.41	0.06	0.56		2.51	0.12		3	3	00253
00254	14 55 2	+0 2.1	2	3.00	0.3	1.2	2.92	0.08	1.00	4.74	0.05	3.00		1.82	0.09		4	4	00254
00255	14 56 11	-0 21.1	1	1.87	0.3	3.8	2.86	0.08	0.63	6.52	0.06	4.37		3.66	0.10		5	5	00255
00256	14 56 53	+4 45.9	1	4.25	0.3	1.0	1.50	0.04	0.63	4.22	0.06	0.50		2.72	0.07		4	4	00256
00257	14 58 43	-2 33.4	2	1.12	0.3	0.7	1.23	0.05	0.37	3.92	0.08	0.06		2.69	0.09		3	2	00257
00258	14 59 16	+0 3.6	2	4.50	0.3	2.1	1.68	0.06	0.56	4.21	0.08	4.03		2.53	0.10		3	3	00258
00259	15 0 23	+2 17.2	1	4.50	0.3	0.7	1.99	0.05	1.12	3.63	0.06	0.19		1.64	0.08		3	3	00259
00260	15 6 0	-0 49.4	1	3.00	0.3	9.0	1.98	0.04	4.12	5.86	0.06	2.25		3.88	0.07		6	6	00260
00261	15 11 27	-1 42.4	2	0.19	0.3	1.1	2.31	0.06	0.09	5.91	0.06	4.87		3.60	0.08	I	3	3	00261
00262	15 12 22	-2 13.9	2	0.12	0.3	0.2	0.89	0.05	2.25	4.44	0.07	0.06		3.55	0.09		2	2	00262
00263	15 15 53	-0 16.5	1	3.37	0.3	1.1	2.34	0.06	0.37	4.71	0.04	0.94		2.37	0.07		6	6	00263
00264	15 18 31	+0 53.9	2	0.75	0.3	4.0	2.64	0.07	4.50	4.64	0.05	9.37		2.00	0.09	I	4	4	00264
00265	15 22 21	-2 3.5	2	0.50	0.3	0.7	0.14	0.06	0.06	4.14	0.09	0.19		4.00	0.11		2	2	00265
00266	15 26 17	+3 59.8	2	0.19	0.5	6.8	3.34	0.12	18.75	8.79	0.61	-		5.45	0.62	K	3	1	00266
00267	15 28 22	-4 1.4	2	1.25	0.7	0.2	2.88	0.09	1.00	6.99	0.10	1.12		4.11	0.13		4	4	00267
00268	15 29 55	+3 48.6	2	0.56	0.3	0.4	1.75	0.05	7.78	6.11	0.07	24.00		4.36	0.09	K,I	3	3	00268
00269	15 41 2	-1 33.0	1	10.00	0.3	3.8	0.36	0.05	1.09	5.69	0.05	6.12		5.33	0.07		5	4	00269
00270	15 41 34	+2 33.1	1	5.00	0.3	4.8	2.69	0.06	0.12	5.42	-	-	Q	2.73	-		4	4	00270
00271	15 45 20	+0 50.4	2	0.94	0.3	3.2	2.70	0.08	0.37	6.02	0.07	9.28		3.32	0.11	I	3	3	00271
00272	15 46 16	-0 51.4	2	0.19	0.3	1.7	2.57	0.07	3.28	5.31	0.06	0.19		2.74	0.09		3	3	00272
00273	15 47 43	+2 20.9	2	6.37	0.3	1.5	2.81	0.08	1.59	4.43	0.08	1.22		1.62	0.11		3	3	00273
00274	15 52 26	-3 50.3	2	1.50	0.3	1.5	2.22	0.07	3.12	6.37	0.08	0.84		4.15	0.11		4	3	00274
00275	16 1 23	+3 51.6	2	0.50	0.3	0.2	2.96	0.08	0.12	6.09	0.06	1.62		3.13	0.10		4	4	00275
00276	16 4 23	-3 44.5	1	4.50	0.3	1.7	1.90	0.05	0.75	5.04	0.05	0.37		3.14	0.07		4	4	00276
00277	16 6 2	-1 24.4	1	4.69	0.2	1.2	1.47	0.04	8.44	5.53	0.05	5.31		4.06	0.06	K	5	5	00277
00278	16 6 29	+3 34.9	2	0.56	0.3	1.3	2.41	0.06	0.66	4.75	0.05	0.19		2.34	0.08		3	3	00278
00279	16 7 12	-3 20.5	1	4.50	0.3	1.7	1.85	0.06	0.50	4.20	0.06	0.56		2.35	0.08		4	3	00279
00280	16 11 46	-3 33.8	2	3.56	0.3	2.8	-1.26	0.06	1.31	*	-	-		-	-	K	3*	0*	00280
00281	16 13 11	-2 15.9	2	0.25	0.3	4.0	2.23	0.05	0.75	7.06	0.09	2.12		4.83	0.10		4	4	00281
00282	16 15 41	-4 34.5	1	2.25	0.2	3.8	0.98	0.05	0.75	2.45	0.04	0.25		1.47	0.06		6	4	00282
00283	16 22 15	-2 21.4	1	1.25	0.3	1.9	2.22	0.06	1.41	5.59	-	-	Q	3.37	-		5	5	00283
00284	16 24 11	-2 30.5	2	5.00	0.5	0.5	2.99	0.08	1.37	7.12	0.09	2.62		4.13	0.12		4	4	00284
00285	16 25 2	+2 59.0	1	1.87	0.3	1.1	1.98	0.04	2.25	4.71	0.04	3.44		2.73	0.06		6	5	00285
00286	16 26 2	+0 47.0	1	1.12	0.3	0.4	2.04	0.06	0.47	4.29	0.08	1.87		2.25	0.10		3	3	00286
00287	16 27 26	-0 0.9	2	0.19	0.5	0.2	2.26	0.07	0.19	5.32	0.06	1.31		3.06	0.09		3	3	00287
00288	16 29 37	-1 31.7	1	3.75	0.3	2.3	2.74	0.07	0.75	6.85	0.06	4.87		4.11	0.09		6	6	00288
00289	16 34 44	-1 45.1	1	4.06	0.3	0.9	2.98	0.08	1.09	6.94	0.08	0.31		3.96	0.11		5	5	00289
00290	16 40 18	-3 33.5	2	0.19	0.8	1.1	2.95	0.11	0.94	6.89	0.11	0.75		3.94	0.16		3	3	00290
00291	16 42 35	-2 59.8	1	3.12	0.2	0.6	0.46	0.04	3.91	3.84	0.06	1.25		3.38	0.07		5	5	00291
00292	16 43 17	-3 55.5	2	1.12	0.3	0.2	2.32	0.07	0.09	6.91	0.11	0.94		4.59	0.13		3	3	00292
00293	16 55 14	-2 41.6	1	3.12	0.3	0.3	2.88	0.07	5.00	7.54	0.13	32.00		4.66	0.15	I	5	4	00293
00294	16 58 25	-4 8.9	1	3.37	0.2	1.9	1.39	0.04	2.25	3.57	0.05	0.37		2.18	0.06		6	6	00294
00295	17 3 5	+3 49.9	1	3.44	0.2	0.3	2.16	0.04	1.25	5.26	0.04	2.03		3.10	0.06		5	5	00295
00296	17 11 45	-4 41.1	1	1.25	0.3	8.1	2.69	0.07	3.59	7.65	0.15	0.12		4.96	0.17		5	4	00296
00297	17 12 3	-0 44.3	1	1.87	0.2	2.6	2.57	0.04	30.19	7.29	0.09	28.13		4.72	0.10	K,I	6	6	00297
00298	17 13 57	+4 46.6	1	3.44	0.3	1.6	2.52	0.06	1.56	7.27	0.09	6.56		4.75	0.11		5	5	00298
00299	17 14 2	-0 23.2	1	0.87	0.2	4.4	2.16	0.04	6.12	3.95	0.05	1.09		1.79	0.06		7	7	00299
00300	17 16 20	-4 15.6	1	2.62	0.3	3.0	2.76	0.06	0.56	6.10	0.05	4.50		3.34	0.08		6	6	00300

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
00251	2 0 0 2 0 0 1 0 0 0	4.95	G8	III	5535	19978	-01 2991		1	-0.1	00251
00252	1 1 0 0 0 0 0 1 0 0	6.13	K2		5536	19979	+00 3253		1	0.2	00252
00253	1 0 0 1 0 0 1 0 0 0	7.14	K5			20036	+02 2881		1	-0.6	00253
00254	1 1 0 1 0 0 0 1 0 0	5.60	K1	III	5573	20122	+00 3277		2	0.2	00254
00255	1 0 0 2 0 0 1 1 0 0										00255
00256	0 1 0 1 1 0 1 0 0 0	6.00	M1	G	5584	20174	+05 2954		-1	-0.1	00256
00257	1 0 0 1 0 0 1 0 0 0	5.68	M0	G	5590	20202	-02 3928		-1	0.1	00257
00258	0 1 0 1 0 0 0 1 0 0	5.76	M2	G	5594	20212	+00 3297		1	0.3	00258
00259	1 0 0 1 0 0 1 0 0 0	4.40	K0	III	5601	20237	+02 2905		0	0.1	00259
00260	2 0 0 2 0 0 1 1 0 0										00260
00261	1 0 0 1 0 0 1 0 0 0	8.00	M5E			20476	-01 3036	Y SER	0	-0.3	00261
00262	1 0 0 1 0 0 0 0 0 0	8.20	MB				-01 3041		-1	-0.1	00262
00263	2 0 0 2 0 0 1 1 0 0	6.04	K5	G	5690	20570	+00 3337		0	0.3	00263
00264	0 1 0 1 0 0 1 1 0 0	5.35	K3	III	5710	20637	+01 3067		1	0.1	00264
00265	1 0 0 1 0 0 0 0 0 0	8.70	MB				-01 3054		1	0.1	00265
00266	0 1 0 1 0 0 1 0 0 0										00266
00267	0 1 0 1 1 0 0 1 0 0										00267
00268	0 1 0 1 0 0 1 0 0 0							WW SER	0	0.1	00268
00269	1 0 0 2 1 0 1 0 0 0							BG SER	0	0.2	00269
00270	0 1 0 1 0 0 1 1 0 0										00270
00271	0 1 0 1 0 0 1 0 0 0										00271
00272	1 0 0 1 0 0 1 0 0 0	7.30	MA				-00 3011		-2	-0.4	00272
00273	0 1 0 1 0 0 0 1 0 0	5.23	G8	III	5888	21280	+02 3007		-3	0.0	00273
00274	0 2 0 1 1 0 0 0 0 0										00274
00275	0 1 0 1 0 0 1 1 0 0	8.70	MA				+04 3105		0	-0.2	00275
00276	0 1 0 1 2 0 0 0 0 0	7.50	MA				-03 3875		0	0.2	00276
00277	1 1 0 1 1 0 1 0 0 0										00277
00278	0 1 0 1 0 0 0 1 0 0	5.95	K5	G	6011	21717	+03 3132		0	-0.2	00278
00279	0 1 0 1 2 0 0 0 0 0	5.37	K4	III	6016	21738	-03 3884		-2	-0.3	00279
00280	0 1 0 1 2 0 0 0 0 0	2.72	M1	III	6056	21838	-03 3903		3	0.3	00280
00281	1 1 0 1 1 C 0 0 0 0										00281
00282	0 1 0 1 2 0 0 2 0 0	3.24	G9	III	6075	21920	-04 4086		0	-0.2	00282
00283	1 1 0 1 2 0 0 0 0 0	8.00	MB				-02 4180		-1	0.1	00283
00284	1 1 0 1 1 0 0 0 0 0							V707 OPH	-1	-0.2	00284
00285	0 2 0 1 2 0 0 1 0 0	6.64	K5			22132	+03 3199		0	0.1	00285
00286	0 1 0 1 0 0 1 0 0 0	5.39	K4	III	6136	22148	+00 3529		0	0.5	00286
00287	0 1 0 1 0 0 1 0 0 0	8.00	MB				+00 3533		0	0.2	00287
00288	1 1 0 1 2 0 1 0 0 0	8.80	G0				-01 3208	V722 OPH	-5	1.7	00288
00289	1 1 0 1 2 0 0 0 0 0										00289
00290	0 1 0 1 1 0 0 0 0 0										00290
00291	1 2 0 1 1 0 0 0 0 0	7.25	M3			22537	-02 4242		1	-0.1	00291
00292	0 1 0 1 1 0 0 0 0 0										00292
00293	1 2 0 1 1 0 0 0 0 0							SS OPH	-1	-0.5	00293
00294	0 1 0 1 3 0 0 1 0 0	4.82	K4	III	6318	22937	-04 4215		0	0.1	00294
00295	0 1 0 1 2 0 0 1 0 0	7.80	MA				+03 3340		0	-0.2	00295
00296	0 2 0 0 1 0 0 2 0 0										00296
00297	1 2 0 1 1 0 1 0 0 0										00297
00298	0 1 0 0 3 0 0 1 0 0							UY OPH	0	0.1	00298
00299	2 2 0 1 1 0 1 0 0 0	4.74	K2	III	6415	23320	-00 3255		0	0.2	00299
00300	0 2 0 0 2 0 0 2 0 0	8.20	K5				-04 4262		1	-0.3	00300

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
00301	17 17 16	+2 11.4	1	1.25	0.2	1.2	-0.17	0.04	0.78	3.24	0.04	2.03		3.41	0.06		5	5	00301
00302	17 20 25	+0 55.4	1	5.62	0.3	0.6	2.35	0.05	0.31	5.89	-	-	Q	3.54	-		5	5	00302
00303	17 22 58	-3 1.2	2	5.50	0.3	1.2	2.75	0.07	3.12	8.59	0.16	2.37		5.84	0.17		4	4	00303
00304	17 24 2	+4 10.9	1	3.37	0.2	3.4	1.00	0.03	0.56	3.10	0.04	0.16		2.10	0.05		6	5	00304
00305	17 30 43	+0 8.1	1	0.94	0.2	1.6	1.87	0.04	3.12	5.24	0.04	2.03		3.37	0.06		5	5	00305
00306	17 30 44	+2 28.1	1	0.75	0.3	0.7	2.91	0.06	2.62	6.21	0.05	0.16		3.30	0.08		6	5	00306
00307	17 31 23	-1 57.0	1	3.12	0.2	2.8	1.74	0.04	1.87	6.31	0.05	4.69		4.57	0.06		5	5	00307
00308	17 32 49	-1 19.0	1	2.62	0.2	10.9	2.92	0.06	9.62	8.77	0.31	0.56		5.85	0.32		7	6	00308
00309	17 35 32	+4 5.1	1	1.56	0.3	1.9	2.85	0.06	2.19	6.74	0.07	0.16		3.89	0.09		5	5	00309
00310	17 36 3	-1 43.1	1	0.75	0.3	1.5	2.26	0.05	1.69	6.28	0.05	4.31		4.02	0.07		6	6	00310
00311	17 36 56	+1 37.9	1	2.50	0.2	6.5	2.35	0.04	7.50	6.47	0.05	14.75		4.12	0.06	I	8	8	00311
00312	17 37 0	+3 25.2	1	4.37	0.3	7.5	2.93	0.07	2.81	5.49	0.06	0.75		2.56	0.09		5	3	00312
00313	17 37 35	-2 7.5	1	5.31	0.3	2.8	1.23	0.04	4.06	4.15	0.06	0.47		2.92	0.07		5	5	00313
00314	17 37 56	-2 50.0	2	1.87	0.3	2.5	2.79	0.07	3.75	5.92	0.05	1.72		3.13	0.09		5	5	00314
00315	17 39 57	-4 49.6	2	3.25	0.3	0.5	1.28	0.05	1.50	4.41	0.06	1.00		3.13	0.08		4	4	00315
00316	17 40 37	-3 52.4	1	1.50	0.3	0.2	2.16	0.05	2.87	6.62	0.07	3.25		4.46	0.09		4	4	00316
00317	17 41 0	+4 35.0	1	2.81	0.2	0.3	0.27	0.04	7.34	*	-	-		-	-		5	0*	00317
00318	17 42 10	-1 30.9	1	1.50	0.3	3.0	2.36	0.04	6.75	7.90	0.14	1.87		5.54	0.15		6	5	00318
00319	17 43 52	+1 3.9	1	1.56	0.3	1.6	2.67	0.06	2.81	5.33	0.04	1.25		2.66	0.07		5	5	00319
00320	17 45 3	-3 37.8	1	0.19	0.3	0.7	1.11	0.05	0.66	5.03	0.05	1.97		3.92	0.07		3	3	00320
00321	17 46 17	+3 36.1	1	0.31	0.3	1.9	2.90	0.06	4.53	6.62	0.07	0.47		3.72	0.09		5	5	00321
00322	17 46 56	-2 13.1	2	1.87	0.3	5.9	2.84	0.07	1.56	6.18	0.05	0.94		3.34	0.09		5	5	00322
00323	17 47 0	+0 55.0	1	0.75	0.2	3.4	2.31	0.05	3.94	5.49	0.04	3.28		3.18	0.06		6	5	00323
00324	17 49 6	-2 27.2	2	1.75	0.3	0.5	2.06	0.05	4.00	6.46	0.06	5.50		4.40	0.08		4	4	00324
00325	17 49 31	+4 29.7	1	4.12	0.3	8.6	2.23	0.05	0.56	5.02	0.04	3.28		2.79	0.06		6	5	00325
00326	17 50 3	+1 19.2	1	0.63	0.3	0.9	2.07	0.05	7.03	4.60	0.05	3.44		2.53	0.07		5	5	00326
00327	17 50 29	-2 34.0	1	1.00	0.3	1.7	0.29	0.05	3.12	3.85	0.06	1.25		3.56	0.08		4	4	00327
00328	17 51 15	-3 16.1	2	0.94	0.3	0.6	2.99	0.12	1.12	6.89	0.16	-		3.90	0.20		3	1	00328
00329	17 51 35	-4 11.9	1	9.37	0.3	0.4	2.94	0.08	3.75	5.87	0.06	0.47		2.93	0.10		6	3	00329
00330	17 53 34	-1 24.1	1	1.87	0.3	0.7	1.76	0.05	9.56	5.23	0.04	1.50		3.47	0.06	K	6	6	00330
00331	17 54 10	-4 4.6	2	1.75	0.5	1.0	2.72	0.07	0.12	4.67	0.06	2.87		1.95	0.09		4	4	00331
00332	17 55 34	+2 43.3	1	1.50	0.3	1.1	2.79	0.06	2.62	5.63	0.05	1.00		2.84	0.08		6	4	00332
00333	17 56 59	-4 49.5	1	1.87	0.3	3.4	2.06	0.04	3.59	4.54	0.05	1.37		2.48	0.06		5	4	00333
00334	17 58 32	+0 41.8	1	1.50	0.3	2.6	2.95	0.06	4.87	7.51	0.10	1.50		4.56	0.12		6	6	00334
00335	18 2 57	+2 30.1	1	5.31	0.3	3.1	1.86	0.04	3.12	3.31	0.04	0.63		1.45	0.06		5	5	00335
00336	18 3 45	+3 23.7	1	7.19	0.3	0.9	2.33	0.05	0.63	6.15	0.05	2.34		3.82	0.07		5	5	00336
00337	18 3 59	-4 56.1	1	4.81	0.2	4.4	2.19	0.04	7.44	7.76	0.12	1.31		5.57	0.13		7	7	00337
00338	18 4 52	+2 28.5	1	0.31	0.3	1.2	2.97	0.06	4.53	5.41	0.04	5.47		2.44	0.07		5	5	00338
00339	18 8 11	+3 18.7	2	0.19	0.3	0.2	2.75	0.07	1.22	4.74	0.05	0.19		1.99	0.09		3	3	00339
00340	18 10 20	+4 7.9	1	1.25	0.3	2.2	2.62	0.06	2.34	6.12	0.06	2.25		3.50	0.08		5	4	00340
00341	18 11 22	+2 22.5	2	5.25	0.3	1.5	2.83	0.06	6.94	5.23	0.04	3.37		2.40	0.07		6	6	00341
00342	18 12 1	-2 37.0	1	0.94	0.2	2.5	2.10	0.04	1.41	5.41	0.04	2.50		3.31	0.06		5	5	00342
00343	18 13 35	+2 21.4	1	5.25	0.2	3.8	0.71	0.04	1.31	3.69	0.04	0.75		2.98	0.06		6	6	00343
00344	18 14 8	+3 40.4	2	0.19	0.3	2.8	2.93	0.08	4.97	6.12	0.06	0.66		3.19	0.10	K	3	3	00344
00345	18 16 53	+0 49.6	2	1.69	0.3	2.1	2.86	0.08	0.19	5.97	0.06	0.47		3.11	0.10		3	3	00345
00346	18 18 22	+3 21.1	2	2.75	0.3	0.2	2.75	0.07	0.63	4.36	0.13	-		1.61	0.15		4	1	00346
00347	18 18 41	-2 54.8	2	1.25	0.3	0.2	1.04	0.04	10.75	2.44	0.04	3.00		1.40	0.06	K	4	4	00347
00348	18 20 49	-4 31.9	1	4.12	0.3	1.1	2.77	0.05	2.25	9.08	0.48	0.12		6.31	0.48		6	2	00348
00349	18 21 23	+3 35.5	2	0.25	0.3	0.2	2.35	0.06	32.00	8.25	0.28	8.19		5.90	0.29	K,I	4	2	00349
00350	18 24 25	+3 53.0	1	4.25	0.3	0.2	0.66	0.04	1.62	4.35	0.06	0.63		3.69	0.07		4	4	00350

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
00301	0 2 0 1 1 0 0 1 0 0	6.91	M3			23404	+02	3296		0	0.0	00301
00302	0 2 0 1 1 0 1 0 0 0	9.10	MA				+01	3425		2	0.2	00302
00303	1 2 0 1 0 0 0 0 0 0								AH OPH	-2	0.2	00303
00304	0 1 0 2 2 0 0 1 0 0	4.34	K3	II	6498	23621	+04	3422		0	-0.1	00304
00305	0 2 0 1 1 0 1 0 0 0	8.50	MA				+00	3717		-1	-0.1	00305
00306	0 2 0 1 1 0 0 2 0 0	8.20	K5				+02	3349		1	-0.3	00306
00307	1 2 0 1 1 0 0 0 0 0	8.90	K0				-01	3356		5	0.5	00307
00308	1 2 0 0 3 0 1 0 0 0											00308
00309	0 1 0 1 2 0 0 1 0 0											00309
00310	1 2 0 1 2 0 0 0 0 0											00310
00311	0 2 0 1 3 0 1 1 0 0								SU OPH	1	-0.1	00311
00312	0 2 0 1 1 0 0 1 0 0	6.76	K0			23937	+03	3466		-2	0.1	00312
00313	1 2 0 1 1 0 0 0 0 0	6.44	M4	G	6578	23953	-02	4425		0	0.1	00313
00314	1 2 0 1 1 0 0 0 0 0	8.00	K5				-02	4427		1	0.3	00314
00315	0 2 0 0 1 0 0 1 0 0	6.79	M0			24016	-04	4332		1	0.0	00315
00316	0 2 0 0 2 0 0 0 0 0											00316
00317	0 1 0 0 3 0 0 1 0 0	2.77	K2	III	6603	24048	+04	3489		0	-0.2	00317
00318	1 2 0 0 2 0 1 0 0 0											00318
00319	0 2 0 1 1 0 1 0 0 0	6.86	K2			24119	+01	3501		0	0.1	00319
00320	0 2 0 0 1 0 0 0 0 0	8.50	MB				-03	4177		-2	-0.1	00320
00321	0 1 0 1 1 0 0 2 0 0								V561 OPH	1	-0.7	00321
00322	1 2 0 1 1 0 0 0 0 0	8.50	MA				-02	4461		-2	-0.2	00322
00323	0 3 0 1 1 0 1 0 0 0	7.50	K5				+00	3786		-2	-0.2	00323
00324	1 2 0 0 1 0 0 0 0 0											00324
00325	0 1 0 1 3 0 0 1 0 0	7.05	K5			24274	+04	3541		-1	-0.2	00325
00326	0 2 0 1 1 0 1 0 0 0	5.98	K5		6667	24295	+01	3528		0	0.3	00326
00327	1 2 0 0 1 0 0 0 0 0	7.50	MC				-02	4482	V533 OPH	2	0.1	00327
00328	0 2 0 0 1 0 0 0 0 0											00328
00329	0 2 0 0 3 0 0 1 0 0	7.90	K5				-04	4371		-2	0.3	00329
00330	2 2 0 0 2 0 0 0 0 0	8.70	MA				-01	3419		1	0.1	00330
00331	0 2 0 0 1 0 0 1 0 0	5.60	G9	G	6686	24398	-04	4376		1	0.0	00331
00332	0 2 0 1 2 0 0 1 0 0	7.20	K5			24436	+02	3438		1	-0.2	00332
00333	0 2 0 0 1 0 0 2 0 0	5.98	K5	G	6706	24487	-04	4384		1	-0.4	00333
00334	0 2 0 1 2 0 1 0 0 0											00334
00335	0 2 0 0 2 0 0 1 0 0	4.02	K0	V	6752	24641	+02	3482		1	-0.5	00335
00336	0 1 0 1 2 0 0 1 0 0								V574 OPH	1	-0.3	00336
00337	0 3 0 0 1 0 0 3 0 0											00337
00338	0 2 0 0 2 0 0 1 0 0	6.64	K5			24689	+02	3493		1	0.1	00338
00339	0 1 0 0 1 0 0 1 0 0	5.53	K2	G	6800	24783	+03	3620		1	0.0	00339
00340	0 1 0 1 2 0 0 1 0 0	8.50	MA				+04	3649		0	-0.1	00340
00341	0 3 0 0 2 0 0 1 0 0	6.61	K2			24873	+02	3537		1	-0.2	00341
00342	1 2 0 0 2 0 0 0 0 0	7.80	K5				-02	4578		1	0.1	00342
00343	0 3 0 0 2 0 0 1 0 0	6.14	M4	G	6834	24914	+02	3547		0	-0.2	00343
00344	0 1 0 0 1 0 0 1 0 0	8.70	MD				+03	3656	RY OPH	0	-0.1	00344
00345	0 2 0 0 1 0 0 0 0 0	8.20	K5				+00	3918		0	0.4	00345
00346	0 1 0 0 2 0 0 1 0 0	4.86	G8	III	6866	25036	+03	3680		0	-0.1	00346
00347	1 2 0 0 1 0 0 0 0 0	3.26	K0	IV	6869	25046	-02	4599		-2	0.1	00347
00348	0 2 0 0 2 0 0 2 0 0											00348
00349	0 1 0 0 2 0 0 1 0 0											00349
00350	0 1 0 0 2 0 0 1 0 0	8.20	MB				+03	3713	V988 OPH	1	0.1	00350

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
00351	18 24 26	+1 7.1	2	3.37	0.3	0.2	2.25	0.06	3.94	8.26	0.25	0.75		6.01	0.26		3	3	00351
00352	18 25 21	+3 42.9	1	0.75	0.3	1.5	2.23	0.04	0.50	4.54	0.06	4.25		2.31	0.07		4	4	00352
00353	18 28 57	+4 20.6	1	8.44	0.3	1.2	1.80	0.05	0.78	6.47	0.06	2.50		4.67	0.08		5	4	00353
00354	18 30 10	+4 15.6	1	1.25	0.3	1.2	2.83	0.06	1.50	5.78	0.05	1.12		2.95	0.08		4	4	00354
00355	18 30 52	-0 29.6	1	1.25	0.3	2.0	2.62	0.05	0.87	7.74	0.13	0.12		5.12	0.14		4	4	00355
00356	18 31 21	+3 40.4	1	1.25	0.3	2.3	2.79	0.07	4.25	8.06	0.21	1.78		5.27	0.22		4	3	00356
00357	18 31 40	-1 1.5	1	4.50	0.2	3.4	1.95	0.04	0.75	7.86	0.15	0.37		5.91	0.16		6	4	00357
00358	18 34 2	-3 0.6	3	0.12	0.8	0.5	2.72	0.10	0.06	8.13	0.33	-		5.41	0.34		2	1	00358
00359	18 34 44	-2 42.3	2	0.25	0.3	2.3	1.04	0.04	2.50	5.73	0.07	0.09		4.69	0.08		4	3	00359
00360	18 36 32	-2 1.5	2	4.00	0.3	1.2	2.66	0.06	0.12	5.99	0.05	0.63		3.33	0.08		4	4	00360
00361	18 36 34	+1 39.0	1	5.62	0.3	3.4	2.82	0.06	5.25	7.74	0.14	16.31		4.92	0.15	I	6	6	00361
00362	18 36 46	+3 6.3	1	0.31	0.3	0.6	2.41	0.05	2.66	8.25	0.28	1.81		5.84	0.28		5	2	00362
00363	18 38 48	-4 23.5	1	10.94	0.2	1.3	2.06	0.04	13.56	7.00	0.07	8.75		4.94	0.08	K	7	7	00363
00364	18 39 32	-2 48.0	2	0.25	0.5	0.9	2.16	0.08	1.12	8.57	0.37	0.06		6.41	0.38		2	2	00364
00365	18 39 51	-2 21.2	2	0.56	0.3	0.7	2.67	0.08	10.59	7.98	0.33	0.06		5.31	0.34	K	3	2	00365
00366	18 39 56	+4 34.3	1	1.25	0.3	0.3	2.84	0.06	0.47	7.65	0.12	2.03		4.81	0.13		5	5	00366
00367	18 40 51	-3 34.9	2	3.37	0.5	0.2	2.83	0.07	0.37	7.05	0.10	0.37		4.22	0.12		3	3	00367
00368	18 41 2	-1 36.5	2	9.06	0.2	3.8	1.89	0.05	1.09	5.12	0.04	0.25		3.23	0.06		5	4	00368
00369	18 41 2	-3 6.0	3	0.12	0.7	0.4	2.82	0.10	0.06	7.79	0.20	0.06		4.97	0.22		2	2	00369
00370	18 41 42	-3 51.1	1	4.00	0.3	0.7	2.16	0.06	4.37	7.41	0.14	15.09		5.25	0.15	I	4	3	00370
00371	18 41 43	-2 36.5	2	0.12	0.5	0.1	2.84	0.10	0.25	6.55	0.09	0.44		3.71	0.13		2	2	00371
00372	18 42 6	+1 49.8	1	2.62	0.2	1.9	2.20	0.04	2.44	5.33	0.04	4.87		3.13	0.06		6	6	00372
00373	18 42 59	+4 34.4	2	1.00	0.3	1.0	2.95	0.08	0.63	8.08	0.22	0.09		5.13	0.23		4	3	00373
00374	18 43 21	-1 43.6	2	1.00	0.3	9.7	2.98	0.08	1.37	7.65	0.13	0.37		4.67	0.15		4	4	00374
00375	18 43 54	-3 0.5	2	7.12	0.3	0.9	2.70	0.07	0.19	7.82	0.20	0.06		5.12	0.21		3	2	00375
00376	18 44 32	-4 48.3	1	2.81	0.2	2.5	1.67	0.04	0.47	3.38	0.05	0.31		1.71	0.06		5	5	00376
00377	18 45 6	-2 4.3	2	0.19	0.5	0.2	2.48	0.06	0.37	6.63	0.07	0.75		4.15	0.09		3	3	00377
00378	18 45 34	+4 11.0	1	0.25	0.3	1.2	2.60	0.06	2.62	5.06	0.04	1.50		2.46	0.07		4	4	00378
00379	18 45 35	-2 1.0	2	0.94	0.3	2.6	2.84	0.08	1.22	9.48	0.77	-		6.64	0.77		3	1	00379
00380	18 46 21	+2 22.1	2	0.25	0.3	0.5	2.88	0.07	0.75	6.64	0.07	1.25		3.76	0.10		4	4	00380
00381	18 47 19	-1 32.6	1	7.19	0.2	2.8	1.82	0.04	2.81	7.03	0.07	4.22		5.21	0.08		5	5	00381
00382	18 47 58	+4 32.5	1	3.75	0.3	1.9	2.90	0.06	2.62	9.52	-	-	Q	6.62	-		6	4	00382
00383	18 48 5	-3 37.9	2	3.37	0.3	0.1	2.88	0.10	0.06	7.12	0.14	0.69		4.24	0.17		2	2	00383
00384	18 48 49	-0 6.8	2	5.25	0.3	8.0	2.83	0.07	1.12	7.49	0.11	0.50		4.66	0.13		4	4	00384
00385	18 49 48	-3 47.3	1	2.25	0.3	0.9	2.18	0.06	0.94	5.19	0.05	3.75		3.01	0.08		3	3	00385
00386	18 49 57	-3 15.9	2	5.00	0.3	0.2	2.06	0.05	4.62	7.83	0.15	0.50		5.77	0.16		4	4	00386
00387	18 50 19	-2 51.4	2	3.12	0.8	0.1	3.43	0.15	10.06	9.72	-	-	Q	6.29	-	K	2	2	00387
00388	18 51 1	+2 37.5	2	3.44	0.3	1.2	2.98	0.07	4.06	8.79	0.26	0.31		5.81	0.27		5	5	00388
00389	18 51 14	+0 34.8	2	0.56	0.3	0.2	2.26	0.07	1.59	7.79	0.18	0.47		5.53	0.19		3	3	00389
00390	18 51 18	-0 36.1	2	0.94	0.3	4.9	2.99	0.08	0.37	7.85	0.17	0.09		4.86	0.19		3	3	00390
00391	18 51 23	+1 33.1	1	7.50	0.3	1.5	2.73	0.06	0.75	8.76	0.28	0.75		6.03	0.29		6	6	00391
00392	18 52 12	+0 21.5	2	0.75	0.5	0.7	2.82	0.09	1.59	10.61	-	-	Q	7.79	-		3	2	00392
00393	18 53 6	+0 17.1	2	2.81	0.3	0.4	2.63	0.08	1.59	6.85	0.09	1.22		4.22	0.12		3	3	00393
00394	18 53 19	-4 51.6	1	4.69	0.3	0.3	2.39	0.05	0.78	5.81	0.08	0.47		3.42	0.09		5	5	00394
00395	18 53 34	-0 31.9	2	2.00	0.3	0.5	2.83	0.08	0.12	7.56	0.16	0.50		4.73	0.18		2	2	00395
00396	18 53 58	+0 28.2	2	2.50	0.3	8.2	2.72	0.06	2.75	8.53	0.41	0.56		5.81	0.41		4	2	00396
00397	18 54 1	+4 19.4	1	3.75	0.3	1.5	2.67	0.05	3.19	5.85	-	-	Q	3.18	-		6	5	00397
00398	18 54 59	+0 23.1	2	2.25	0.3	1.5	2.01	0.05	0.25	5.96	0.05	1.62		3.95	0.07		4	4	00398
00399	18 55 6	+2 38.8	2	7.19	0.3	11.9	2.35	0.05	0.78	6.10	0.05	4.22		3.75	0.07		5	5	00399
00400	18 55 21	-0 48.5	2	1.25	0.3	4.3	2.86	0.06	4.00	8.18	0.18	1.12		5.32	0.19		4	4	00400

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
00351	0 2 0 0 1 0 0 0 0 0											00351
00352	0 1 0 0 2 0 0 1 0 0	6.07	K3	G	6925	25194	+03	3716		0	-0.1	00352
00353	0 1 0 0 3 0 0 1 0 0								TY OPH	2	-0.1	00353
00354	0 1 0 0 2 0 0 1 0 0	7.80	K5				+04	3785		0	0.1	00354
00355	1 2 0 0 1 0 0 0 0 0											00355
00356	0 1 0 0 2 0 0 1 0 0								AG SER	-2	0.0	00356
00357	1 2 0 0 3 0 0 0 0 0											00357
00358	0 1 0 0 1 0 0 0 0 0											00358
00359	1 2 0 0 1 0 0 0 0 0								CZ SER	0	-0.4	00359
00360	1 2 0 0 1 0 0 0 0 0	7.18	K0			25504	-02	4686	DU SER	-6	-1.7	00360
00361	0 2 0 0 3 0 0 1 0 0											00361
00362	0 1 0 0 2 0 0 2 0 0											00362
00363	0 2 0 0 3 0 0 2 0 0											00363
00364	0 1 0 0 1 0 0 0 0 0											00364
00365	0 2 0 0 1 0 0 0 0 0											00365
00366	0 1 0 0 3 0 0 1 0 0								DE SER	-1	0.8	00366
00367	0 2 0 0 1 0 0 0 0 0											00367
00368	1 2 0 0 2 0 0 0 0 0	7.20	MA				-01	3551		0	0.1	00368
00369	0 1 0 0 1 0 0 0 0 0											00369
00370	0 2 0 0 2 0 0 0 0 0											00370
00371	0 1 0 0 1 0 0 0 0 0											00371
00372	0 2 0 0 3 0 0 1 0 0	7.70	MA				+01	3763		0	0.4	00372
00373	0 1 0 0 2 0 0 1 0 0								BY SER	-2	0.1	00373
00374	1 2 0 0 1 0 0 0 0 0											00374
00375	0 2 0 0 1 0 0 0 0 0											00375
00376	0 1 0 0 2 0 0 2 0 0	4.22	G5	II	7063	25730	-04	4582	BW SCT	1	-0.1	00376
00377	1 1 0 0 1 0 0 0 0 0								AB AQL	-2	-0.3	00377
00378	0 1 0 0 2 0 0 1 0 0	6.26	K5		7076	25756	+04	3884		0	-0.1	00378
00379	1 1 0 0 1 0 0 0 0 0											00379
00380	0 2 0 0 1 0 0 1 0 0	8.90	M2				+02	3691		1	0.2	00380
00381	1 2 0 0 2 0 0 0 0 0											00381
00382	0 1 0 0 4 0 0 1 0 0											00382
00383	0 2 0 0 0 0 0 0 0 0											00383
00384	0 2 0 0 2 0 0 0 0 0											00384
00385	0 2 0 0 1 0 0 0 0 0	7.20	K5				-03	4397		0	0.0	00385
00386	0 2 0 0 2 0 0 0 0 0											00386
00387	0 1 0 0 1 0 0 0 0 0	9.10	K2				-02	4769		7	1.7	00387
00388	0 2 0 0 2 0 0 1 0 0											00388
00389	0 2 0 0 1 0 0 0 0 0											00389
00390	1 2 0 0 0 0 0 0 0 0											00390
00391	0 3 0 0 2 0 0 1 0 0											00391
00392	0 2 0 0 1 0 0 0 0 0											00392
00393	0 2 0 0 1 0 0 0 0 0	9.10					+00	4054		-8	0.2	00393
00394	0 1 0 0 2 0 0 2 0 0	8.70	MB				-04	4631		-2	-0.1	00394
00395	1 1 0 0 0 0 0 0 0 0											00395
00396	0 2 0 0 2 0 0 0 0 0											00396
00397	0 2 0 0 2 0 0 2 0 0	8.30	K5				+04	3918		0	0.1	00397
00398	0 2 0 0 2 0 0 0 0 0								UW AQL	-2	-0.2	00398
00399	0 2 0 0 2 0 0 1 0 0	9.20	M5				+02	3740		-5	0.7	00399
00400	1 2 0 0 1 0 0 0 0 0											00400

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
00401	18	55	29	-4	13.4	1	4.87	0.2	2.3	2.83	0.07	1.50	6.10	0.04	3.75		3.27	0.08		6	6	00401
00402	18	55	58	+4	35.8	1	4.37	0.3	0.3	1.65	0.05	0.78	7.07	0.08	3.28		5.42	0.09		5	5	00402
00403	18	56	20	-3	8.0	2	0.75	0.7	1.5	2.73	0.22	0.94	8.23	0.26	1.00		5.50	0.34		3	2	00403
00404	18	57	31	-1	38.5	2	0.12	0.3	4.4	2.78	0.11	3.44	7.79	0.20	8.12		5.01	0.23	K,I	2	2	00404
00405	18	58	31	-4	30.6	1	2.19	0.3	3.5	2.78	0.05	1.31	5.55	0.04	4.81		2.77	0.06		7	7	00405
00406	18	59	19	+4	50.6	1	4.00	0.3	1.0	2.48	0.05	4.25	6.63	0.06	4.12		4.15	0.08		8	6	00406
00407	18	59	50	+1	26.1	1	4.87	0.3	4.1	2.54	0.05	2.44	8.36	0.22	0.63		5.82	0.23		6	5	00407
00408	19	0	4	+1	15.0	2	1.12	0.3	0.4	2.91	0.08	0.66	8.69	0.46	0.06		5.78	0.47		3	2	00408
00409	19	2	17	+2	54.4	2	0.19	0.5	0.9	2.00	0.06	0.37	5.58	0.08	0.19		3.58	0.10		3	3	00409
00410R	19	2	20	-4	6.3	2	1.12	0.3	1.1	2.26	0.07	0.19	4.41	-	-	Q	2.15	-		6	6	00410
00411	19	2	33	+1	32.0	1	7.50	0.2	2.3	1.40	0.04	4.12	5.12	0.04	2.81		3.72	0.06		6	5	00411
00412	19	4	51	-1	12.5	2	0.37	0.3	2.6	1.93	0.05	3.75	5.10	0.05	0.66		3.17	0.07		3	3	00412
00413	19	6	13	-4	8.4	1	2.62	0.3	7.4	2.71	0.08	2.84	8.54	0.20	1.12		5.83	0.22		7	6	00413
00414	19	6	15	+3	11.2	2	1.50	0.3	1.2	2.99	0.07	1.12	6.87	0.11	0.75		3.88	0.13		4	3	00414
00415R	19	10	45	+1	29.6	1	2.62	0.3	3.0	2.84	0.06	1.69	6.54	-	-	Q	3.70	-		6	6	00415
00416	19	11	23	+2	32.4	1	2.50	0.2	1.2	1.26	0.04	5.47	5.20	0.04	13.28		3.94	0.06	I	5	5	00416
00417	19	12	20	+4	9.6	2	0.75	0.5	2.0	2.98	0.08	1.00	8.42	0.25	0.12		5.44	0.26		4	4	00417
00418	19	12	29	-3	24.2	2	4.00	0.5	3.5	2.99	0.11	1.94	6.26	0.08	0.06		3.27	0.14		2	2	00418
00419	19	13	0	+3	13.0	2	0.75	0.3	2.6	2.62	0.06	2.06	7.08	0.10	0.47		4.46	0.12		3	3	00419
00420	19	15	46	+0	39.4	2	0.12	0.7	0.1	2.69	0.09	1.00	6.59	0.09	0.44		3.90	0.13		2	2	00420
00421	19	16	0	+0	59.9	2	2.37	0.5	0.1	2.45	0.07	0.31	4.27	0.09	0.25		1.82	0.11		2	2	00421
00422	19	16	27	+4	11.6	1	4.75	0.3	2.8	2.75	0.06	4.37	8.22	0.21	0.87		5.47	0.22		4	4	00422
00423	19	16	37	+3	18.7	2	0.75	0.3	1.5	2.71	0.07	6.87	7.08	0.12	3.75		4.37	0.14	K	4	3	00423
00424	19	16	52	+0	25.5	2	2.62	0.7	0.1	2.99	0.11	2.44	6.85	0.11	3.87		3.86	0.16	I	2	2	00424
00425	19	18	10	-4	35.6	1	4.69	0.3	0.6	1.69	0.05	1.25	4.94	0.04	3.59		3.25	0.06		5	5	00425
00426	19	20	10	-3	19.7	2	0.63	0.3	1.1	2.13	0.08	0.06	6.67	0.09	0.06		4.54	0.12		2	2	00426
00427	19	20	38	-2	41.6	2	1.62	0.7	0.2	3.35	0.16	10.69	8.85	0.56	-		5.50	0.58	K	2	1	00427
00428	19	20	50	+1	34.0	2	0.37	0.3	0.2	2.34	0.06	0.19	7.09	0.10	2.16		4.75	0.12		3	3	00428
00429	19	22	58	+3	1.4	1	0.19	0.3	2.6	2.40	0.06	0.19	3.14	0.06	1.12		0.74	0.08		3	3	00429
00430	19	23	33	+3	24.6	2	0.19	0.5	0.7	3.12	0.09	6.84	7.71	0.21	6.56		4.59	0.23	K,I	3	2	00430
00431	19	23	58	+0	14.6	2	0.94	0.3	1.9	2.92	0.08	0.09	4.18	0.07	0.28		1.26	0.11		3	3	00431
00432	19	24	15	-0	20.9	3	0.12	0.8	0.1	2.94	0.11	0.06	7.31	0.14	0.06		4.37	0.18		2	2	00432
00433	19	25	6	+1	56.5	2	3.37	0.5	0.1	2.36	0.07	11.19	8.23	0.75	-		5.87	0.75	K	2	1	00433
00434	19	26	19	+4	44.5	1	1.56	0.3	2.2	2.43	0.06	0.63	6.76	0.07	7.19		4.33	0.09		5	5	00434
00435	19	26	41	+0	7.5	2	1.37	0.5	0.7	2.93	0.11	0.31	5.31	0.06	0.44		2.38	0.13		2	2	00435
00436	19	26	43	+3	45.5	1	1.69	0.3	0.4	1.74	0.05	1.78	6.22	0.07	1.03		4.48	0.09		3	3	00436
00437	19	27	40	+2	47.9	1	6.00	0.3	3.8	1.44	0.05	0.56	4.31	0.05	0.31		2.87	0.07		6	5	00437
00438	19	27	44	-0	55.8	2	0.12	0.5	0.6	2.67	0.08	16.00	8.90	0.45	0.63		6.23	0.46	K	2	2	00438
00439	19	28	1	-2	53.3	2	0.12	0.3	0.5	0.62	0.06	0.25	3.19	0.06	0.37		2.57	0.08		2	2	00439
00440	19	28	13	+3	32.8	2	0.94	0.3	0.9	2.69	0.07	0.47	5.92	-	-	Q	3.23	-		3	3	00440
00441	19	28	33	+1	54.3	2	3.75	0.5	0.7	2.92	0.11	0.06	5.37	0.07	0.06		2.45	0.13		2	2	00441
00442	19	29	51	-4	27.9	1	4.69	0.2	1.6	2.14	0.05	0.78	6.95	0.07	0.47		4.81	0.09		5	5	00442
00443	19	30	37	+4	55.3	1	3.44	0.3	1.2	0.78	0.05	1.41	3.97	0.08	0.44		3.19	0.09		5	2	00443
00444	19	32	41	+1	58.4	2	5.44	0.3	0.2	2.31	0.07	0.75	6.48	0.09	4.81		4.17	0.11	I	3	2	00444
00445	19	32	52	+0	36.4	2	0.37	0.5	0.4	2.91	0.09	2.06	8.42	0.29	2.91		5.51	0.30		3	3	00445
00446	19	33	33	-0	33.4	2	0.37	0.3	0.1	2.23	0.06	3.12	8.27	0.27	0.06		6.04	0.28	K	2	2	00446
00447	19	38	14	+2	22.2	2	0.12	0.5	0.1	2.96	0.11	0.44	6.53	0.09	2.50		3.57	0.14		2	2	00447
00448	19	38	28	-4	2.0	1	1.00	0.3	2.3	0.90	0.05	0.12	4.67	0.08	0.84		3.77	0.09		4	3	00448
00449	19	39	54	+1	34.4	2	3.56	0.3	0.2	2.94	0.11	0.47	6.33	0.12	-		3.39	0.16		3	1	00449
00450	19	41	14	+3	37.4	2	1.25	0.3	0.7	2.62	0.07	30.00	8.52	0.49	1.87		5.90	0.49	K	4	2	00450

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
00401	0 1 0 0 3 0 0 2 0 0	8.20	K5				-04 4647		1	-0.6	00401
00402	0 1 0 0 3 0 0 1 0 0										00402
00403	0 2 0 0 1 0 0 0 0 0							V802 AQL	1	-2.6	00403
00404	0 1 0 0 1 0 0 0 0 0										00404
00405	0 1 0 0 3 0 0 3 0 0	7.10	K2			26122	-04 4663		0	0.0	00405
00406	0 2 0 0 4 0 0 2 0 0										00406
00407	0 3 0 0 2 0 0 1 0 0										00407
00408	0 2 0 0 1 0 0 0 0 0										00408
00409	0 1 0 0 1 0 0 1 0 0	8.80	MB				+02 3776		0	-0.1	00409
00410R	0 1 0 0 3 0 0 2 0 0	5.53	K1	G	7225	26237	-04 4684		0	0.2	00410
00411	0 3 0 0 2 0 0 1 0 0	8.20	MA				+01 3880		-1	0.1	00411
00412	0 1 0 0 2 0 0 0 0 0	7.50	MA				-01 3657		0	-0.2	00412
00413	0 1 0 0 3 0 0 3 0 0										00413
00414	0 1 0 0 2 0 0 1 0 0										00414
00415R	0 2 0 0 3 0 0 1 0 0	9.10	MA				+01 3931		1	0.1	00415
00416	0 3 0 0 1 0 0 1 0 0	8.90	MA				+02 3825	V842 AQL	0	0.1	00416
00417	0 1 0 0 2 0 0 1 0 0	8.70	K2				+04 4031	XY AQL	9	-0.5	00417
00418	0 1 0 0 1 0 0 0 0 0	8.50	K2				-03 4532		-5	2.1	00418
00419	0 1 0 0 1 0 0 1 0 0										00419
00420	0 1 0 0 1 0 0 0 0 0										00420
00421	0 1 0 0 1 0 0 0 0 0	5.15	K2	II	7319	26623	+00 4168		0	0.3	00421
00422	0 1 0 0 2 0 0 1 0 0	9.00	K0				+04 4065	V812 AQL	-2	0.9	00422
00423	0 1 0 0 2 0 0 1 0 0							ER AQL	0	0.3	00423
00424	0 1 0 0 1 0 0 0 0 0							CY AQL	0	0.1	00424
00425	0 1 0 0 3 0 0 1 0 0	7.40	K5			26676	-04 4781		0	0.2	00425
00426	0 1 0 0 1 0 0 0 0 0										00426
00427	0 1 0 0 1 0 0 0 0 0										00427
00428	0 1 0 0 2 0 0 0 0 0										00428
00429	0 1 0 0 1 0 0 1 0 0	3.36	F0	IV	7377	26816	+02 3879		-2	0.6	00429
00430	0 1 0 0 1 0 0 1 0 0	8.30	A2				+03 4016	V364 AQL	-2	-0.5	00430
00431	0 2 0 0 1 0 0 0 0 0	4.64	F2	II	7387	26838	+00 4206		0	0.4	00431
00432	0 1 0 0 1 0 0 0 0 0										00432
00433	0 1 0 0 1 0 0 0 0 0							TU AQL	1	-0.5	00433
00434	0 1 0 0 3 0 0 1 0 0										00434
00435	0 1 0 0 1 0 0 0 0 0	6.25	K2		7404	26907	-00 3760		-3	-1.0	00435
00436	0 1 0 0 1 0 0 1 0 0										00436
00437	0 4 0 0 1 0 0 1 0 0	6.22	K5		7412	26925	+02 3904		0	-0.1	00437
00438	0 1 0 0 1 0 0 0 0 0							V374 AQL	4	0.3	00438
00439	0 1 0 0 1 0 0 0 0 0	5.22	M1	III	7414	26936	-03 4612		-3	0.4	00439
00440	0 1 0 0 1 0 0 1 0 0	8.80	MB				+03 4045		-2	0.0	00440
00441	0 1 0 0 1 0 0 0 0 0	6.81	K0			26950	+01 4021		-1	-0.1	00441
00442	0 1 0 0 3 0 0 1 0 0										00442
00443	0 1 0 0 3 0 0 1 0 0	6.82	M3			27003	+04 4152		-3	0.0	00443
00444	0 1 0 0 2 0 0 0 0 0										00444
00445	0 2 0 0 1 0 0 0 0 0							V607 AQL	0	0.4	00445
00446	0 1 0 0 1 0 0 0 0 0										00446
00447	0 1 0 0 1 0 0 0 0 0										00447
00448	0 1 0 0 3 0 0 0 0 0	8.00	MB				-04 4880		-2	0.2	00448
00449	0 1 0 0 2 0 0 0 0 0										00449
00450	0 2 0 0 1 0 0 1 0 0	8.80	F0				+03 4127		-9	-0.8	00450

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
00451	19	43	46	+1	34.3	2	1.25	0.3	4.0	1.27	0.05	0.63	6.22	0.08	0.37		4.95	0.09		4	2	00451
00452	19	45	54	+1	45.6	2	2.25	0.3	0.2	2.97	0.08	0.37	7.69	0.13	1.25		4.72	0.15		4	4	00452
00453	19	46	5	+3	34.3	2	0.37	0.3	0.4	1.64	0.08	0.56	5.71	0.08	0.87		4.07	0.11		3	2	00453
00454	19	48	34	-2	35.6	2	3.19	0.3	0.2	2.42	0.07	0.47	4.93	0.06	0.56		2.51	0.09		3	3	00454
00455	19	48	55	+3	57.4	2	0.75	0.5	0.6	2.99	0.09	0.75	5.30	-	-	Q	2.31	-		3	2	00455
00456	19	49	39	-0	30.0	2	0.50	0.3	1.5	1.98	0.06	4.12	5.95	0.07	0.06		3.97	0.09	K	2	2	00456
00457	19	49	59	+0	52.6	2	2.75	0.3	0.1	1.98	0.07	0.75	3.25	0.07	1.87		1.27	0.10		2	2	00457
00458	19	54	58	-2	1.2	2	6.19	0.3	1.1	0.66	0.04	19.13	5.39	0.06	9.94		4.73	0.07	K,I	3	3	00458
00459	19	55	55	-3	41.0	2	0.75	0.3	0.1	1.83	0.07	0.31	4.86	0.06	0.06		3.03	0.09		2	2	00459
00460	19	57	14	-4	8.7	2	4.37	0.5	2.2	2.59	0.08	0.31	7.92	0.14	2.03		5.33	0.16		5	5	00460
00461	19	57	45	-2	1.1	2	4.75	0.3	2.8	2.48	0.06	0.75	7.45	0.13	0.19		4.97	0.14		4	3	00461
00462	19	58	7	+1	13.6	2	2.37	0.3	0.7	2.75	0.08	0.50	6.14	0.08	0.06		3.39	0.11		2	2	00462
00463	20	0	43	+4	35.8	1	1.75	0.3	2.6	2.44	0.06	1.75	4.98	0.04	5.25		2.54	0.07		7	6	00463
00464	20	1	50	-0	51.0	2	0.75	0.5	0.1	2.40	0.07	0.06	4.73	0.06	0.12		2.33	0.09		2	2	00464
00465	20	2	34	+4	26.2	2	4.75	0.3	2.0	2.62	0.07	0.63	6.30	0.06	4.37		3.68	0.09		4	4	00465
00466	20	5	8	-1	45.1	2	6.75	0.3	2.4	2.92	0.09	0.47	6.54	0.08	0.84		3.62	0.12		3	3	00466
00467	20	7	55	-1	46.6	1	9.25	0.3	4.5	0.78	0.04	2.87	4.85	0.05	1.00		4.07	0.06		4	4	00467
00468	20	10	29	-0	29.1	2	0.12	0.3	0.7	2.59	0.09	2.94	5.11	0.06	0.31		2.52	0.11	K	2	2	00468
00469	20	10	37	-1	9.6	2	3.00	0.3	5.0	1.76	0.05	1.25	4.22	0.07	0.12		2.46	0.09		4	4	00469
00470	20	11	49	-0	9.5	2	2.81	0.5	0.2	1.67	0.08	1.87	5.64	0.07	0.63		3.97	0.11		3	2	00470
00471	20	12	11	+4	38.1	1	5.62	0.2	2.5	2.25	0.05	8.44	6.30	0.06	16.75		4.05	0.08	K,I	5	4	00471
00472	20	12	19	-4	43.9	2	6.94	0.3	2.3	2.05	0.05	0.09	5.44	0.06	1.03		3.39	0.08		3	3	00472
00473	20	20	44	-0	36.4	2	8.44	0.3	1.9	2.08	0.05	0.94	4.99	0.08	0.09		2.91	0.09		3	3	00473
00474	20	21	23	+0	47.3	2	0.87	0.3	0.1	1.52	0.07	0.06	5.44	0.07	0.25		3.92	0.10		2	2	00474
00475	20	22	11	+1	12.5	2	1.50	0.3	0.1	2.24	0.07	0.12	4.92	0.06	0.06		2.68	0.09		2	2	00475
00476	20	27	5	-3	3.1	2	3.00	0.3	0.5	2.32	0.06	2.75	4.04	0.06	1.50		1.72	0.08		4	4	00476
00477	20	27	39	-4	55.6	1	8.62	0.3	0.2	1.12	0.05	0.09	5.15	0.05	22.88		4.03	0.07	I	3	3	00477
00478	20	27	43	+1	42.8	2	4.31	0.3	0.7	2.51	0.07	0.09	5.83	0.06	1.22		3.32	0.09		3	3	00478
00479	20	29	18	-1	56.8	2	0.56	0.5	1.9	2.69	0.08	0.19	6.45	0.10	0.06		3.76	0.13		3	2	00479
00480	20	29	48	+1	59.1	2	0.63	0.3	0.4	2.57	0.08	0.12	4.98	-	-	Q	2.41	-		2	2	00480
00481	20	31	29	+2	10.0	2	0.12	0.5	0.1	2.62	0.08	0.12	6.29	0.09	1.81		3.67	0.12		2	2	00481
00482	20	34	5	+2	13.9	2	0.63	0.3	1.1	2.97	0.10	0.31	6.32	-	-	Q	3.35	-		2	2	00482
00483	20	34	7	-2	43.4	1	1.75	0.3	0.5	1.21	0.04	5.25	3.45	0.05	1.25		2.24	0.06		4	4	00483
00484	20	35	46	-1	17.0	1	2.00	0.3	0.2	2.18	0.05	1.25	3.69	0.06	0.25		1.51	0.08		4	4	00484
00485	20	36	45	+1	57.8	2	0.12	0.5	0.1	2.85	0.09	1.06	5.89	0.07	1.87		3.04	0.11		2	2	00485
00486	20	36	49	+0	18.6	2	2.00	0.7	1.7	2.78	0.10	0.06	4.50	0.09	0.25		1.72	0.13		2	2	00486
00487	20	38	19	+1	0.2	2	1.50	0.3	0.1	2.03	0.07	0.06	6.30	0.08	0.56		4.27	0.11		2	2	00487
00488	20	42	40	+3	5.9	2	0.12	0.3	0.1	2.24	0.09	0.19	5.29	0.07	0.50		3.05	0.11		2	2	00488
00489	20	43	46	-4	16.1	1	13.12	0.2	1.1	1.73	0.04	3.00	6.82	0.12	16.00		5.09	0.13	I	6	2	00489
00490	20	44	4	-1	5.3	1	4.06	0.3	0.6	1.58	0.04	18.13	7.78	0.19	9.84		6.20	0.19	K,I	5	3	00490
00491	20	44	17	+2	15.1	2	0.50	0.3	0.1	0.59	0.06	5.44	4.38	0.10	0.19		3.79	0.12	K	2	2	00491
00492	20	44	27	-2	40.0	2	1.25	0.3	5.9	2.48	0.07	0.47	5.01	0.05	2.66		2.53	0.09		5	5	00492
00493R	20	46	10	+1	51.0	2	2.25	0.5	1.7	2.88	0.10	0.75	6.03	-	-	Q	3.15	-		3	3	00493
00494	20	46	46	-0	45.1	2	0.75	0.3	1.7	0.36	0.06	2.91	3.43	0.07	1.59		3.07	0.09		3	3	00494
00495	20	49	44	-3	24.6	2	5.50	0.3	0.7	2.32	0.06	3.75	5.43	0.05	3.12		3.11	0.08		4	4	00495
00496	20	51	5	-1	49.9	1	3.25	0.3	1.5	2.69	0.06	2.62	7.49	0.12	11.62		4.80	0.13	I	4	4	00496
00497	20	54	53	-3	25.7	2	0.56	0.3	0.4	2.69	0.08	2.72	5.68	0.06	0.47		2.99	0.10		3	3	00497
00498	20	59	2	-4	19.6	1	7.50	0.2	3.4	1.51	0.04	1.31	4.66	0.05	0.56		3.15	0.06		6	6	00498
00499	21	3	17	-0	24.5	1	1.25	0.3	0.5	1.46	0.05	32.00	7.68	0.18	5.72		6.22	0.19	K,I	4	3	00499
00500	21	4	59	-0	21.7	1	0.25	0.3	0.2	1.03	0.04	1.75	4.12	0.07	0.25		3.09	0.08		4	4	00500

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
00451	0 1 0 0 3 0 0 0 0 0											00451
00452	0 1 0 0 3 0 0 0 0 0											00452
00453	0 2 0 0 1 0 0 0 0 0								WX AQL	-3	0.0	00453
00454	0 1 1 0 1 0 0 0 0 0	6.36	K5		7559	27478	-02	5133		-2	-0.3	00454
00455	0 1 0 0 1 0 0 1 0 0	6.60	K0			27494	+03	4172		-3	-0.2	00455
00456	0 1 0 0 1 0 0 0 0 0											00456
00457	0 1 0 0 1 0 0 0 0 0	3.50	F6	II	7570	27517	+00	4337	ETA AQL	3	0.1	00457
00458	0 1 1 0 1 0 0 0 0 0								RR AQL	-3	0.0	00458
00459	0 1 0 0 1 0 0 0 0 0	7.14	K5			27659	-03	4757		0	0.4	00459
00460	0 1 0 0 2 0 0 2 0 0											00460
00461	0 2 1 0 1 0 0 0 0 0											00461
00462	0 1 0 0 1 0 0 0 0 0	8.50	MA				+00	4382		0	0.3	00462
00463	0 2 0 0 2 1 0 1 1 0	6.80	K5			27796	+04	4325		-1	0.4	00463
00464	0 1 0 0 1 0 0 0 0 0	5.68	K4	G	7667	27832	-01	3887		1	0.0	00464
00465	0 1 0 0 2 0 0 0 1 0											00465
00466	0 1 1 0 1 0 0 0 0 0											00466
00467	0 2 1 0 1 0 0 0 0 0	9.20	M8				-02	5195	V584 AQL	0	0.0	00467
00468	0 1 0 0 1 0 0 0 0 0	6.67	K5			28061	-00	3942		-2	-0.2	00468
00469	0 1 1 0 2 0 0 0 0 0	5.64	K5	G	7720	28068	-01	3920		-2	0.0	00469
00470	0 2 0 0 1 0 0 0 0 0											00470
00471	0 1 0 0 2 1 0 0 1 0								WZ AQL	0	0.2	00471
00472	0 1 0 0 1 0 0 1 0 0	8.00	MB				-05	5194		-1	0.0	00472
00473	0 1 1 0 1 0 0 0 0 0	7.50	MA				-00	3991		-1	0.5	00473
00474	0 1 0 0 1 0 0 0 0 0								V865 AQL	1	0.3	00474
00475	0 1 0 0 1 0 0 0 0 0	6.81	K5			28386	+00	4496		2	0.2	00475
00476	0 1 1 0 1 1 0 0 0 0	5.11	K2	III	7831	28504	-03	4918		2	0.1	00476
00477	0 1 0 0 1 0 0 1 0 0	9.00	MC				-05	5288	TZ AQL	-2	-0.2	00477
00478	0 1 0 0 2 0 0 0 0 0	8.90	MB				+01	4304	KN AQL	-1	0.3	00478
00479	0 1 1 0 1 0 0 0 0 0	9.40	M5				-02	5295		2	-0.2	00479
00480	0 1 0 0 1 0 0 0 0 0	6.65	K2			28570	+01	4310		-1	1.4	00480
00481	0 1 0 0 1 0 0 0 0 0											00481
00482	0 1 0 0 1 0 0 0 0 0											00482
00483	0 1 1 0 1 1 0 0 0 0	5.22	K4	III	7873	28684	-03	4961		0	0.1	00483
00484	0 1 1 0 2 0 0 0 0 0	4.30	G8	III	7884	28725	-01	4016		0	-0.1	00484
00485	0 1 0 0 1 0 0 0 0 0	8.00	MA				+01	4336		-2	-0.2	00485
00486	0 1 0 0 1 0 0 0 0 0	5.22	K1	III	7897	28761	-00	4064		-3	0.1	00486
00487	0 1 0 0 1 0 0 0 0 0											00487
00488	0 1 0 0 1 0 0 0 0 0	8.20	MA				+02	4239		0	0.3	00488
00489	0 1 0 0 3 1 0 1 0 0								W AQR	-2	-0.1	00489
00490	0 1 1 0 2 1 0 0 0 0											00490
00491	0 1 0 0 1 0 0 0 0 0	7.80	M6E			28964	+01	4359	V AQR	-2	-0.1	00491
00492	0 1 2 0 1 1 0 0 0 0	6.33	K2		7946	28968	-03	5018		-1	0.2	00492
00493R	0 1 0 0 2 0 0 0 0 0	8.50	MB				+01	4371		-2	-0.2	00493
00494	0 1 1 0 1 0 0 0 0 0	6.53	M3			29025	-01	4057		2	-0.2	00494
00495	0 1 0 0 2 1 0 0 0 0	8.00	M3			29104	-03	5048		-1	-0.1	00495
00496	0 1 1 0 1 1 0 0 0 0								TV AQR	-3	-0.6	00496
00497	0 1 0 0 1 1 0 0 0 0	8.60	M0			29244	-03	5076		0	0.0	00497
00498	0 1 0 0 2 1 0 2 0 0	7.30	MB				-04	5337		-1	0.1	00498
00499	0 1 1 0 1 1 0 0 0 0								RV AQR	-1	0.3	00499
00500	0 1 1 0 1 1 0 0 0 0	6.82	M3			29522	-00	4163		0	0.2	00500

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
00501	21	5	58	+3	1.0	2	0.75	0.5	0.7	2.43	0.07	0.09	6.37	0.08	0.19		3.94	0.11		3	3	00501
00502	21	12	4	-0	7.0	1	4.06	0.3	0.6	2.23	0.06	0.78	4.90	0.05	0.75		2.67	0.08		5	4	00502
00503	21	22	43	-3	46.6	1	6.56	0.3	0.6	2.12	0.05	0.66	4.33	0.07	0.19		2.21	0.09		3	3	00503
00504	21	32	8	+1	36.3	1	0.37	0.3	3.0	0.39	0.05	1.31	3.61	0.05	0.78		3.22	0.07		6	5	00504
00505	21	36	5	-4	22.5	1	4.37	0.2	3.1	1.87	0.04	1.97	4.73	0.04	0.75		2.86	0.06		7	6	00505
00506	21	37	1	+2	0.7	2	2.62	0.3	0.9	2.84	0.10	0.66	4.49	0.09	0.09		1.65	0.13		3	3	00506
00507	21	37	42	-2	0.9	1	1.25	0.3	3.0	0.76	0.04	0.87	4.68	0.05	3.50		3.92	0.06		4	4	00507
00508	21	39	37	+1	3.5	2	0.50	0.3	0.2	2.31	0.07	0.12	4.59	0.10	0.09		2.28	0.12		4	3	00508
00509	21	43	58	-2	26.6	1	10.31	0.3	2.5	-1.55	0.04	1.87	2.39	0.08	-		3.94	0.09		5	1*	00509
00510	21	58	28	+0	22.6	2	0.56	0.3	4.3	2.63	0.10	0.09	4.72	0.06	0.66		2.09	0.12		3	3	00510
00511	22	0	22	-0	10.4	2	4.12	0.3	1.1	1.76	0.08	1.50	5.78	0.07	4.37		4.02	0.11		6	4	00511
00512	22	3	10	+4	48.8	2	2.00	0.5	1.2	1.56	0.05	0.50	3.63	0.05	0.25		2.07	0.07		4	4	00512
00513	22	3	13	-0	34.3	1	2.50	0.3	4.0	0.94	0.04	0.25	*	-	-		-	-		4	0*	00513
00514	22	4	4	-0	40.1	2	1.25	0.3	0.7	2.63	0.07	1.50	7.04	0.09	1.25		4.41	0.11		4	4	00514
00515	22	14	58	+4	53.9	2	0.75	0.3	0.2	2.15	0.06	0.37	5.07	0.06	1.87		2.92	0.08		3	2	00515
00516	22	15	38	+2	29.2	2	1.31	0.3	0.9	2.30	0.07	0.19	5.95	0.07	2.72		3.65	0.10		3	3	00516
00517	22	25	22	+4	27.0	1	2.25	0.3	1.0	2.29	0.05	5.75	3.96	0.06	2.12		1.67	0.08		4	4	00517
00518R	22	26	15	-0	16.9	2	4.37	0.3	8.7	2.63	0.07	0.94	3.39	0.05	0.78		0.76	0.09		5	5	00518
00519	22	31	8	+0	56.0	1	1.50	0.3	1.2	2.67	0.07	0.37	5.82	0.06	2.12		3.15	0.09		4	4	00519
00520	22	32	2	+0	20.7	2	2.50	0.3	0.2	2.84	0.09	1.00	5.38	0.05	1.62		2.54	0.10		4	4	00520
00521	22	35	9	-4	29.4	2	1.00	0.3	1.0	2.63	0.07	0.37	4.25	0.06	0.12		1.62	0.09		4	4	00521
00522	22	35	59	+3	12.2	1	1.56	0.2	3.4	2.68	0.06	0.94	5.79	-	-	Q	3.11	-		5	5	00522
00523	22	40	20	+4	42.3	2	0.75	0.3	1.5	2.92	0.08	1.12	5.35	0.05	3.12		2.43	0.09		4	4	00523
00524	22	51	19	+1	35.3	1	0.94	0.3	6.6	2.83	0.08	1.09	5.42	0.05	3.59		2.59	0.09		5	5	00524
00525	22	57	37	-0	39.1	2	0.12	0.3	0.1	2.47	0.10	3.25	6.55	0.12	0.12		4.08	0.16	K	2	2	00525
00526	22	58	11	+2	45.0	2	0.12	0.5	0.6	2.77	0.13	0.06	4.80	0.08	0.12		2.03	0.15		2	2	00526
00527	23	8	40	+4	44.4	1	2.81	0.2	2.2	-0.19	0.04	0.47	3.15	0.04	3.44		3.34	0.06		5	5	00527
00528	23	14	34	+3	0.9	1	0.75	0.3	2.8	1.44	0.04	0.12	2.93	0.04	0.12		1.49	0.06		4	4	00528
00529	23	20	59	+0	1.2	2	0.12	0.3	0.7	2.48	0.12	0.37	4.78	0.21	-		2.30	0.24		2	1	00529
00530	23	22	3	+3	26.5	1	1.25	0.3	3.8	2.05	0.05	0.25	5.60	0.09	-		3.55	0.10		4	1	00530
00531	23	41	29	+0	6.1	2	1.12	0.3	0.7	2.47	0.09	0.19	6.84	0.11	2.91		4.37	0.14		3	3	00531
00532	23	43	49	+3	12.7	1	0.75	0.3	2.6	-0.76	0.04	1.03	2.63	0.05	1.12		3.39	0.06		3	3	00532
00533	23	49	23	+2	38.8	2	0.56	0.5	3.9	1.92	0.07	0.37	4.28	0.09	0.37		2.36	0.11		3	3	00533
00534	23	51	17	+0	19.0	2	2.25	0.5	1.3	2.69	0.10	0.09	5.61	0.07	1.97		2.92	0.12		3	3	00534
00535	23	52	7	-0	9.9	2	5.94	0.3	1.2	0.20	0.06	2.66	3.12	0.06	0.09		2.92	0.08		5	3	00535
00536	23	56	2	-3	50.4	2	0.37	0.5	0.1	2.75	0.09	0.56	4.29	0.13	-		1.54	0.16		2	1	00536
00537	23	57	13	-0	33.4	2	0.12	0.3	0.4	2.39	0.08	0.12	5.24	0.09	-		2.85	0.12		2	1	00537

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM		VAR	DA S	DD M	NO.
00501	0 1 0 0 2 0 0 0 0 0											00501
00502	0 2 1 0 1 1 0 0 0 0	6.38	K5		8121	29698	-00	4186		1	-0.1	00502
00503	0 1 0 0 1 1 0 0 0 0	5.69	K4	G	8199	29993	-04	5446		1	-0.3	00503
00504	0 1 1 0 3 1 0 0 0 0	6.75	M3			30209	+01	4503		-2	-0.1	00504
00505	0 1 0 0 4 1 0 1 0 0	7.70	MA				-04	5504		0	0.1	00505
00506	0 1 1 0 1 0 0 0 0 0	5.16	K0	III	8277	30315	+01	4517		0	-0.3	00506
00507	0 1 1 0 1 1 0 0 0 0	9.30	M5				-02	5597		-3	-0.1	00507
00508	0 1 1 0 1 1 0 0 0 0	5.67	K4	G	8287	30377	+00	4770		-1	0.1	00508
00509	0 1 2 0 1 1 0 0 0 0	7.16	M3			30482	-02	5631		1	0.1	00509
00510	0 0 1 0 1 1 0 0 0 0	5.58	K4	G	8390	30799	-00	4296		-3	0.8	00510
00511	0 1 2 0 1 2 0 0 0 0	9.00	M8				-00	4298		-1	0.0	00511
00512	0 0 0 0 1 2 0 0 1 0	4.84	K4	III	8413	30894	+04	4800		0	-0.1	00512
00513	0 1 1 0 1 1 0 0 0 0	2.93	G2	II	8414	30896	-01	4246		0	-0.4	00513
00514	0 1 1 0 1 1 0 0 0 0								UW AQR	-1	0.0	00514
00515	0 0 0 0 1 1 0 0 1 0	7.80	M0			31176	+04	4837		-2	0.2	00515
00516	0 0 1 0 1 1 0 0 0 0								UW PEG	0	0.5	00516
00517	0 0 0 0 1 2 0 0 1 0	4.80	K0	III	8551	31377	+03	4710		2	0.3	00517
00518R	0 1 2 0 1 1 0 0 0 0	3.66	F2	IV	8558	31398	-00	4365		0	-0.3	00518
00519	0 1 1 0 1 1 0 0 0 0	8.60	MA				+00	4894		0	-0.1	00519
00520	0 1 1 0 1 1 0 0 0 0	7.02	K5			31518	-00	4383		0	0.5	00520
00521	0 1 0 0 1 1 0 1 0 0	5.03	K2	III	8610	31581	-04	5716		-2	-0.2	00521
00522	0 0 0 0 1 1 0 0 3 0	8.60	M2				+02	4537		-2	0.1	00522
00523	0 0 0 0 1 2 0 0 1 0	7.30	K2			31692	+04	4896		-1	-0.1	00523
00524	0 1 1 0 1 2 0 0 0 0	7.04	K5			31928	+01	4662		0	0.6	00524
00525	0 0 1 0 0 1 0 0 0 0											00525
00526	0 0 1 0 0 1 0 0 0 0	5.83	K4	G	8751	32067	+02	4594		0	0.3	00526
00527	0 0 0 0 1 2 0 0 2 0	6.86	M3			32299	+04	4975		-2	0.4	00527
00528	0 0 0 0 0 1 0 0 3 0	3.69	G7	III	8852	32415	+02	4648		-1	0.3	00528
00529	0 0 1 0 0 1 0 0 0 0	6.31	K2		8897	32547	-00	4509		0	0.3	00529
00530	0 0 0 0 0 1 0 0 3 0	8.80	MA				+02	4664		1	0.1	00530
00531	0 1 1 0 0 1 0 0 0 0											00531
00532	0 0 0 0 0 1 0 0 2 0	5.05	C6		9004	32995	+02	4709	TX PSC	-2	0.2	00532
00533	0 1 1 0 0 1 0 0 0 0	5.54	K4	II	9033	33112	+02	4725		-1	-0.4	00533
00534	0 1 1 0 0 1 0 0 0 0	8.00	MA				-00	4581		-2	-0.1	00534
00535	0 1 2 0 0 2 0 0 0 0	5.61	M5	G	9047	33165	-00	4585		-6	0.2	00535
00536	0 1 0 0 0 1 0 0 0 0	4.85	G9	III	9067	33248	-04	5996		-5	-0.3	00536
00537	0 0 1 0 0 1 0 0 0 0	7.02	M0			33276	-01	4514		0	0.1	00537

NO.	K MAG	K ER	I MAG	I ER		DAY 243
00020	2.80	0.15	5.63	0.09		9098
00020	2.69	0.15	5.88	0.10		9408
00028	1.79	0.08	6.64	0.13		9000
00028	1.91	0.08	6.44	-	Q	9113
00028	1.89	0.09	6.22	0.11		9383
00028	1.92	0.09	6.76	0.16		9416
00028	1.88	0.08	6.90	0.15		9746
00028	1.89	0.08	6.76	0.13		9773
00032	2.67	0.16	7.24	0.28		9025
00032	2.60	0.45	-	-		9025
00032	3.35	0.22	7.74	0.28		9408
00062	2.13	0.11	6.45	0.12		9098
00062	2.03	0.33	5.69	-	Q	9133
00062	1.76	0.10	6.35	0.12		9408
00069	2.64	0.11	4.95	0.08		9098
00069	2.51	0.10	5.22	0.09		9408
00074	0.06	0.12	4.65	0.10		8805
00074	-0.23	0.08	5.02	0.08		9478
00080	1.56	0.07	6.47	0.14		9177
00080	1.56	0.08	7.71	0.25		9534
00080	1.52	0.09	7.11	-	Q	9534
00082	2.65	0.20	7.19	0.22		8805
00082	2.25	0.14	6.78	0.16		9478
00082	2.52	0.11	7.68	0.24		9534
00085	1.96	0.17	6.10	0.12		8805
00085	2.20	0.33	6.69	0.24		9478
00085	2.20	0.14	-	-		9478
00085	2.08	0.08	6.57	0.12		9534
00102	2.98	0.23	-	-		8805
00102	3.69	0.22	10.10	-	Q	9534
00104	1.36	0.07	4.98	0.09		9177
00104	1.03	0.07	4.28	0.11		9534
00119	1.10	0.07	5.86	0.10		9177
00119	1.68	0.09	6.88	0.15		9534
00119	1.66	0.09	6.98	0.28		9549
00131	2.57	0.13	-	-		9416
00131	2.95	0.13	7.36	-	Q	9558
00135	2.55	0.22	6.59	0.16		8805
00135	2.79	0.11	7.18	0.17		9534
00137	1.95	0.10	5.59	0.09		9098
00137	1.97	0.09	5.84	0.10		9549
00138	2.82	0.35	5.97	0.10		8813
00138	3.03	0.16	6.34	0.12		9523
00138	2.77	0.13	6.27	0.11		9558
00142	2.76	0.14	6.10	0.11		9177
00142	3.21	0.16	6.38	0.11		9534
00153	2.37	0.10	5.29	0.09		9098
00153	2.34	0.11	6.29	0.11		9549
00156	2.90	0.19	7.08	0.21		8805
00156	3.04	0.23	8.33	0.51		9478
00156	2.94	0.12	6.93	0.15		9534
00162	3.03	0.16	7.99	0.40		9177
00162	2.61	0.11	7.93	0.29		9534
00169	1.97	0.16	4.72	0.10		8805
00169	2.14	0.09	4.97	0.08		9534
00169	2.04	0.33	5.20	-	Q	9534
00172	2.30	0.33	6.42	0.11		8813
00172	2.22	0.33	6.96	0.15		9098
00172	2.05	0.11	6.27	0.12		9208
00172	2.18	0.10	6.65	0.14		9523
00172	2.14	0.10	6.91	0.16		9558
00217	0.80	0.06	4.32	0.16		8816
00217	0.59	0.07	4.29	0.13		9598
00224	2.86	0.13	-	-		8907
00224	1.97	0.13	8.48	0.55		9208
00224	1.49	0.08	7.19	0.19		9558
00243	1.79	0.09	7.04	0.18		8907
00243	1.29	0.06	6.19	0.11		9215
00243	1.47	0.09	6.42	0.13		9301
00243	1.20	0.10	5.87	0.10		9558
00248	2.38	0.17	5.96	0.12		8805
00248	2.67	0.14	6.08	0.11		8905
00248	2.30	0.14	5.64	0.10		9238
00248	2.36	0.11	5.88	0.10		9608
00261	2.31	0.08	5.97	0.09		8881
00261	2.33	0.14	6.03	0.12		9238
00261	2.29	0.09	5.71	0.09		9608
00264	2.44	0.11	4.34	0.12		8893
00264	2.64	0.14	4.60	0.10		9240
00264	2.65	0.13	4.54	0.08		9598
00264	2.87	0.16	4.80	0.08		9639
00266	3.73	0.22	-	-		8907
00266	4.02	0.51	10.12	-	Q	9248
00266	2.73	0.12	8.79	0.61		9558
00268	1.54	0.08	5.63	0.09		8907
00268	1.75	0.09	5.73	0.10		9248
00268	1.89	0.08	6.58	0.13		9558
00271	2.64	0.12	5.76	0.09		8893
00271	2.76	0.15	6.26	0.13		9240
00271	2.72	0.12	6.05	0.11		9598
00277	1.45	0.06	5.53	0.09		8881
00277	1.66	0.10	5.50	0.09		8948
00277	1.37	0.14	5.42	0.14		9240
00277	1.28	0.08	5.40	0.09		9260
00277	1.52	0.09	5.71	0.10		9598
00280	-1.21	0.07	*	-		8905
00280	*	-	*	-		9238
00280	-1.42	0.28	*	-		9260
00280	-1.34	0.09	*	-		9260
00293	3.01	0.12	8.59	0.41		8881
00293	2.67	0.34	6.81	-	Q	8923
00293	2.69	0.12	6.20	0.11		8948
00293	2.71	0.15	7.89	0.41		9238
00293	3.04	0.17	7.12	0.20		9260
00297	2.85	0.10	8.04	0.28		8881
00297	2.57	0.11	7.14	0.19		8923
00297	2.50	0.10	6.85	0.16		8948
00297	2.87	0.20	7.75	0.33		9240
00297	2.18	0.07	6.98	0.14		9321
00297	2.60	0.11	6.74	0.16		9598
00311	2.54	0.12	6.53	0.13		8893
00311	2.24	0.11	6.33	0.12		8923
00311	2.44	0.13	6.42	0.12		9248
00311	2.17	0.09	6.30	0.10		9321
00311	2.31	0.10	6.32	0.10		9328
00311	2.27	0.33	6.35	0.11		9328
00311	2.46	0.12	6.80	0.16		9598
00311	2.33	0.11	6.73	0.14		9630

NO.	K MAG	K ER	I MAG	I ER	DAY 243
00330	1.67	0.33	5.27	0.08	8881
00330	2.06	0.16	5.28	0.08	8881
00330	1.62	0.10	5.17	0.09	8923
00330	1.91	0.10	5.15	0.09	8948
00330	1.65	0.13	5.22	0.09	9260
00330	1.67	0.07	5.24	0.08	9321
00344	2.71	0.11	6.14	0.11	8907
00344	3.16	0.16	6.05	0.10	9328
00344	2.94	0.15	6.18	0.11	9630
00347	1.00	0.07	2.50	0.08	8881
00347	0.91	0.09	2.42	0.08	8923
00347	1.28	0.09	2.31	0.08	8948
00347	0.96	0.06	2.50	0.08	9325
00349	2.40	0.11	-	-	8907
00349	2.56	0.12	8.48	-	Q 9319
00349	2.51	0.10	9.45	0.82	9328
00349	1.63	0.08	7.47	0.22	9630
00361	3.00	0.13	8.73	0.60	8893
00361	2.90	0.13	8.95	0.72	8923
00361	2.76	0.13	7.40	0.27	9319
00361	2.64	0.12	7.20	0.16	9321
00361	2.83	0.13	7.69	0.31	9328
00361	2.65	0.13	7.45	0.31	9630
00363	2.23	0.10	6.89	0.17	8905
00363	2.27	0.10	7.20	0.20	8962
00363	1.86	0.14	6.73	0.16	9259
00363	1.94	0.08	6.73	0.13	9325
00363	1.93	0.10	7.08	0.16	9325
00363	1.92	0.10	6.95	0.17	9624
00363	2.01	0.10	7.24	0.16	9706
00365	2.72	0.14	7.93	0.35	8923
00365	2.97	0.16	9.37	-	Q 8948
00365	2.35	0.10	8.22	0.75	9325
00370	1.65	0.20	6.70	0.20	8905
00370	2.12	0.09	7.02	0.17	8962
00370	2.24	0.09	8.06	0.31	9325
00370	2.18	0.11	-	-	9325
00387	2.92	0.15	9.51	-	Q 8948
00387	3.93	0.28	9.96	-	Q 9325
00404	2.97	0.16	9.11	0.80	8948
00404	2.56	0.13	7.36	0.18	9325

NO.	K MAG	K ER	I MAG	I ER	DAY 243
00416	1.24	0.07	5.05	0.08	8893
00416	1.16	0.09	5.30	0.09	8923
00416	1.11	0.09	5.15	0.09	8947
00416	1.37	0.07	5.02	0.08	9319
00416	1.27	0.07	5.41	0.09	9630
00423	2.84	0.14	6.49	0.26	8907
00423	2.79	0.12	7.26	0.18	9319
00423	3.04	0.36	7.54	-	Q 9319
00423	2.44	0.10	6.98	0.16	9630
00424	3.14	0.15	7.09	0.18	8947
00424	2.79	0.14	6.65	0.12	9321
00427	3.81	0.28	9.51	-	Q 8948
00427	2.73	0.16	8.85	0.56	9325
00430	2.81	0.12	7.18	0.20	8907
00430	3.18	0.16	7.03	-	Q 9319
00430	3.39	0.18	8.39	0.45	9630
00433	2.12	0.08	8.23	0.75	8947
00433	2.60	0.11	8.12	-	Q 9319
00438	3.15	0.16	9.47	0.88	8948
00438	2.26	0.08	8.55	0.45	9321
00444	2.38	0.10	6.70	0.15	8947
00444	2.27	0.09	6.27	0.11	9319
00444	2.22	0.20	-	-	9321
00446	2.14	0.07	8.36	0.40	8948
00446	2.38	0.11	8.19	0.34	9321
00450	2.71	0.14	8.56	-	Q 8907
00450	2.67	0.17	7.12	0.48	8937
00450	3.01	0.16	8.33	-	Q 9319
00450	2.02	0.09	8.80	0.61	9630
00456	2.07	0.07	5.95	0.10	8948
00456	1.83	0.08	5.95	0.10	9321
00458	0.77	0.06	5.28	0.08	8948
00458	0.12	0.10	4.41	0.23	9025
00458	0.60	0.07	5.53	0.09	9325
00468	2.76	0.14	5.07	0.08	8948
00468	2.45	0.10	5.14	0.08	9321
00471	2.54	0.16	7.64	-	Q 8937
00471	2.12	0.10	6.35	0.12	9302
00471	2.34	0.11	6.27	0.11	9319
00471	2.27	0.09	5.83	0.10	9383
00471	2.05	0.10	6.54	0.12	9773

NO.	K MAG	K ER	I MAG	I ER	DAY 243
00477	1.10	0.09	4.97	0.09	8962
00477	1.11	0.09	4.81	0.08	9360
00477	1.14	0.08	5.38	0.08	9706
00489	1.76	0.09	7.26	0.21	8962
00489	1.66	0.08	6.89	-	Q 9325
00489	1.86	0.11	7.07	-	Q 9360
00489	1.75	0.11	6.94	-	Q 9360
00489	1.66	0.07	6.26	0.12	9411
00489	1.79	0.12	7.46	-	Q 9706
00490	1.56	0.06	7.94	0.29	8948
00490	1.42	0.07	6.48	0.22	9025
00490	1.47	0.08	7.98	0.32	9321
00490	1.59	0.22	-	-	9325
00490	1.94	0.11	-	-	9408
00491	0.34	0.10	4.33	0.13	8947
00491	0.67	0.07	4.42	0.13	9319
00496	2.58	0.09	7.06	0.16	8948
00496	2.65	0.13	8.29	0.50	9025
00496	2.75	0.11	7.30	0.17	9325
00496	2.84	0.14	8.16	0.43	9411
00499	1.72	0.08	7.82	-	Q 8948
00499	0.95	0.09	7.13	0.27	9025
00499	1.49	0.09	8.29	0.40	9321
00499	1.19	0.08	7.43	0.22	9408
00525	2.28	0.12	6.47	0.22	9025
00525	2.65	0.15	6.57	0.13	9408

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NO.	REMARKS
00051	DOUBLE STAR (S.A.O. SEARCH)
00056	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
00173	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
00410	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
00415	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
00493	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
00518	DOUBLE STAR (S.A.O. SEARCH)

Declination Zone
+5 to +15 degrees

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+10001	0 14 10	+9 57.9	2	0.87	0.3	1.1	1.42	0.06	0.56	4.39	0.11	0.06		2.97	0.13		2	2	+10001
+10002	0 16 6	+12 25.2	2	2.81	0.5	2.1	2.57	0.07	1.03	6.00	0.06	0.84		3.43	0.09		3	3	+10002
+10003	0 18 1	+7 55.1	1	8.25	0.3	1.1	2.30	0.06	0.28	4.43	0.08	0.37		2.13	0.10		3	3	+10003
+10004	0 24 20	+9 52.6	2	0.37	0.7	0.1	2.70	0.10	0.06	6.02	0.10	0.56		3.32	0.14		2	2	+10004
+10005	0 29 26	+14 19.4	2	1.75	0.3	3.0	2.15	0.05	3.00	6.67	0.07	0.75		4.52	0.09		4	4	+10005
+10006	0 37 11	+13 55.4	1	1.75	0.3	2.3	2.31	0.05	3.50	5.90	0.06	1.03		3.59	0.08		4	3	+10006
+10007	0 46 5	+7 19.0	1	5.00	0.3	1.0	0.86	0.04	0.87	3.04	0.05	0.25		2.18	0.06		4	4	+10007
+10008	0 57 12	+6 12.9	1	10.87	0.3	4.1	1.58	0.04	0.37	4.32	0.05	1.12		2.74	0.06		6	6	+10008
+10009	1 0 20	+7 36.9	1	2.50	0.3	1.0	1.99	0.05	1.00	3.56	0.05	1.12		1.57	0.07		4	4	+10009
+10010	1 2 18	+5 23.6	1	3.37	0.3	3.0	2.44	0.05	0.94	4.78	0.04	2.06		2.34	0.06		6	6	+10010
+10011R	1 3 49	+12 18.7	2	2.37	0.3	0.7	1.63	0.06	16.00	9.23	0.87	-		7.60	0.87	K	2	1	+10011
+10012	1 5 46	+9 38.6	2	0.12	0.7	0.7	2.58	0.08	0.56	5.19	0.08	0.44		2.61	0.11		2	2	+10012
+10013	1 14 42	+13 39.1	1	3.75	0.3	3.8	1.94	0.04	2.81	5.44	0.05	2.03		3.50	0.06		5	5	+10013
+10014	1 14 58	+8 40.0	2	0.37	0.5	0.2	2.87	0.12	4.59	7.58	0.17	24.00		4.71	0.21	K,I	3	3	+10014
+10015	1 17 10	+5 54.1	1	4.37	0.3	4.1	2.47	0.05	1.72	5.58	0.04	8.44		3.11	0.06	I	5	5	+10015
+10016	1 22 20	+14 35.1	2	4.37	0.3	4.4	1.93	0.05	1.09	5.98	0.06	6.50		4.05	0.08	I	5	4	+10016
+10017	1 27 34	+5 53.4	1	1.12	0.3	6.4	1.52	0.04	0.75	3.68	0.05	1.09		2.16	0.06		6	5	+10017
+10018	1 28 7	+14 46.1	2	0.75	0.3	0.9	2.74	0.08	0.56	5.84	0.07	1.22		3.10	0.11		3	3	+10018
+10019	1 34 6	+7 34.4	1	6.56	0.3	0.3	1.53	0.04	0.63	4.39	0.06	0.16		2.86	0.07		5	5	+10019
+10020	1 38 51	+5 14.2	1	1.87	0.2	8.2	1.26	0.03	0.56	3.27	0.04	0.56		2.01	0.05		6	6	+10020
+10021	1 42 46	+8 54.3	2	0.12	0.7	0.1	2.19	0.08	0.19	3.52	0.08	0.81		1.33	0.11		2	2	+10021
+10022	1 43 42	+10 7.0	2	1.25	0.7	1.4	2.90	0.12	0.69	6.22	0.10	0.63		3.32	0.16		2	2	+10022
+10023	1 51 41	+8 32.0	2	1.50	0.3	0.2	2.01	0.08	0.19	4.79	0.06	0.06		2.78	0.10		3	2	+10023
+10024	1 59 53	+13 14.1	2	-	0.5	-	1.23	0.06	-	4.04	0.13	-		2.81	0.14		1	1	+10024
+10025	1 59 59	+7 26.1	1	13.75	0.2	2.8	0.23	0.05	4.37	4.74	-	-	Q	4.51	-		5	4	+10025
+10026	2 2 43	+9 49.9	2	0.12	0.5	0.9	2.42	0.08	0.37	5.21	0.17	-		2.79	0.19		2	1	+10026
+10027	2 3 33	+8 0.2	1	1.00	0.3	0.2	1.60	0.06	7.00	4.30	0.07	0.75		2.70	0.09	K	4	3	+10027
+10028	2 10 22	+8 36.5	2	6.25	0.3	1.7	2.34	0.08	0.87	3.77	0.06	0.28		1.43	0.10		4	3	+10028
+10029	2 23 41	+6 5.5	2	0.50	0.3	1.5	2.81	0.07	0.37	5.97	0.05	3.37		3.16	0.09		4	4	+10029
+10030	2 33 16	+5 22.6	1	9.19	0.3	6.1	2.74	0.06	0.44	4.28	0.05	1.09		1.54	0.08		7	7	+10030
+10031	2 38 28	+5 51.9	1	6.12	0.3	4.4	2.91	0.07	0.66	5.61	0.05	12.81		2.70	0.09	I	7	5	+10031
+10032	2 50 52	+14 28.2	2	0.50	0.3	2.5	2.71	0.07	0.50	5.61	0.05	3.12		2.90	0.09		4	4	+10032
+10033	2 51 4	+9 7.4	2	0.12	0.3	0.1	0.31	0.05	0.06	3.59	0.09	0.31		3.28	0.10		2	2	+10033
+10034	2 54 6	+14 24.5	1	0.25	0.3	2.8	1.30	0.04	5.00	5.12	0.05	5.75		3.82	0.06		4	4	+10034
+10035	2 58 3	+10 40.5	2	1.12	0.3	0.4	1.96	0.05	0.37	4.50	0.07	0.84		2.54	0.09		3	3	+10035
+10036	3 2 3	+8 53.8	2	3.00	0.3	1.0	2.57	0.08	1.25	5.79	-	-	Q	3.22	-		4	3	+10036
+10037	3 3 34	+11 28.6	2	1.12	0.3	0.7	2.25	0.07	0.37	5.19	0.08	0.06		2.94	0.11		2	2	+10037
+10038	3 7 24	+13 15.7	2	0.25	0.5	0.1	2.14	0.10	0.12	5.93	0.08	0.06		3.79	0.13		2	2	+10038
+10039	3 8 7	+9 48.4	2	0.63	0.5	0.2	2.50	0.10	0.19	5.39	0.08	0.50		2.89	0.13		2	2	+10039
+10040	3 8 15	+14 36.4	2	0.19	0.3	1.9	1.59	0.05	1.97	6.07	0.06	16.03		4.48	0.08	I	3	3	+10040
+10041	3 9 47	+6 28.6	1	0.50	0.3	1.2	2.58	0.07	0.75	4.56	0.05	0.37		1.98	0.09		4	4	+10041
+10042	3 16 29	+12 17.2	2	0.12	0.7	0.7	2.95	0.13	0.12	6.28	0.09	0.06		3.33	0.16		2	2	+10042
+10043	3 21 28	+11 40.4	2	0.75	0.5	3.3	2.55	0.09	0.06	6.27	0.10	0.06		3.72	0.13		2	2	+10043
+10044	3 22 8	+8 50.9	2	1.69	0.3	1.1	1.58	0.07	0.28	2.99	0.06	3.56		1.41	0.09		3	3	+10044
+10045	3 28 7	+12 46.0	2	0.25	0.3	0.1	1.66	0.07	0.44	3.29	0.07	0.19		1.63	0.10		2	2	+10045
+10046	3 30 50	+14 30.7	2	0.75	0.3	0.9	2.05	0.05	2.06	5.33	0.06	3.75		3.28	0.08		3	3	+10046
+10047	3 40 31	+12 38.3	2	0.12	0.3	0.1	1.00	0.06	0.06	5.02	0.06	2.62		4.02	0.08		2	2	+10047
+10048	3 42 17	+9 47.0	2	0.75	0.5	0.2	2.59	0.11	0.12	6.43	0.11	0.75		3.84	0.16		2	2	+10048
+10049	3 42 34	+12 12.4	2	1.50	0.3	0.1	2.20	0.07	0.44	5.97	0.08	0.06		3.77	0.11		2	2	+10049
+10050R	3 50 46	+11 15.7	2	0.75	0.3	2.0	-1.24	0.05	2.44	5.54	0.08	1.06		6.78	0.09		2	2	+10050

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+10001	0 0 1 0 0 1 0 0 0 0	6.83	M0			326	+09	21		-2	-0.1	+10001
+10002	0 0 1 0 0 2 0 0 0 0	8.70					+11	36		0	0.0	+10002
+10003	0 1 1 0 0 1 0 0 0 0	5.37	K3	G	80	413	+07	36		0	0.4	+10003
+10004	0 0 1 0 0 1 0 0 0 0	8.50	K5				+09	44		1	0.1	+10004
+10005	0 0 1 0 0 3 0 0 0 0								T PSC	1	-0.1	+10005
+10006	0 0 2 0 0 2 0 0 0 0	9.20					+13	86	TW PSC	1	-0.2	+10006
+10007	0 1 1 0 0 2 0 0 0 0	4.44	K5	III	224	963	+06	107		-1	0.2	+10007
+10008	0 1 1 0 0 1 0 0 3 0	6.11	M2	G	284	1193	+05	131		-2	0.0	+10008
+10009	0 1 1 0 0 2 0 0 0 0	4.28	K0	III	294	1258	+07	153		-1	-0.4	+10009
+10010	0 1 0 0 0 2 0 0 3 0	6.00	K5	G	307	1301	+04	172		1	0.3	+10010
+10011R	0 0 1 0 0 1 0 0 0 0											+10011
+10012	0 0 1 0 0 1 0 0 0 0	6.90	M0			1381	+09	132		0	0.1	+10012
+10013	0 0 2 0 0 3 0 0 0 0	8.70	MB				+13	191		-2	0.0	+10013
+10014	0 1 1 0 0 1 0 0 0 0	8.20	M7E			1557	+08	203	S PSC	0	-0.1	+10014
+10015	0 1 1 0 0 1 0 0 2 0	8.90	M0			1597	+05	168		1	0.1	+10015
+10016	0 0 3 0 0 2 0 0 0 0											+10016
+10017	0 2 1 0 0 1 0 0 2 0	4.86	K4	III	434	1819	+05	194		0	0.2	+10017
+10018	0 0 1 0 0 2 0 0 0 0	7.50	MB				+14	226		0	0.3	+10018
+10019	0 1 1 0 0 3 0 0 0 0	6.68	M0			1952	+07	240		0	-0.2	+10019
+10020	0 1 1 0 0 1 0 0 3 0	4.43	K3	III	489	2055	+04	293		1	0.1	+10020
+10021	0 0 1 0 0 1 0 0 0 0	4.26	G8	III	510	2139	+08	273		0	-0.2	+10021
+10022	0 0 1 0 0 1 0 0 0 0											+10022
+10023	0 1 1 0 0 1 0 0 0 0	7.05	M0			2308	+08	292		-3	-0.1	+10023
+10024	0 0 0 0 0 1 0 0 0 0	6.11	M2	G	601	2456	+12	271		0	-0.1	+10024
+10025	0 1 1 0 0 3 0 0 0 0	9.10	M				+06	319		-2	-0.1	+10025
+10026	0 0 1 0 0 1 0 0 0 0	7.22	K5			2511	+09	266		-1	-0.4	+10026
+10027	0 1 1 0 0 2 0 0 0 0	6.31	M4		614	2524	+07	324		-1	-0.3	+10027
+10028	0 1 1 0 0 2 0 0 0 0	4.37	G8	II	649	2656	+08	345		1	-0.3	+10028
+10029	0 0 1 0 0 1 0 0 2 0	6.67	F2			2934	+05	338		3	1.4	+10029
+10030	0 1 2 0 0 2 0 0 2 0	4.86	G8	III	754	3117	+04	418		1	0.1	+10030
+10031	0 1 2 0 0 2 0 0 2 0	7.33	K2			3233	+05	377		-2	0.4	+10031
+10032	0 0 1 0 0 3 0 0 0 0	8.40	MA				+14	484		-1	0.2	+10032
+10033	0 0 1 0 0 1 0 0 0 0	6.82	M3			3473	+08	443		-2	-0.6	+10033
+10034	0 0 1 0 0 3 0 0 0 0	8.80	MB				+14	495		0	0.0	+10034
+10035	0 0 1 0 0 1 1 0 0 0	6.02	K6		902	3616	+10	401		1	0.1	+10035
+10036	0 0 3 0 0 1 0 0 0 0	8.40	K5				+08	462		1	0.0	+10036
+10037	0 0 1 0 0 0 1 0 0 0	7.90	K5				+11	434		0	0.3	+10037
+10038	0 0 1 0 0 0 1 0 0 0								ST ARI	1	1.5	+10038
+10039	0 0 1 0 0 1 0 0 0 0	7.17	K2			3793	+09	408		0	-0.7	+10039
+10040	0 0 1 0 0 2 0 0 0 0								U ARI	-2	-0.4	+10040
+10041	0 0 2 0 0 2 0 0 0 0	5.57	G2	C	958	3827	+06	496		0	0.2	+10041
+10042	0 0 1 0 0 0 1 0 0 0	8.30					+11	459		0	0.8	+10042
+10043	0 0 1 0 0 0 1 0 0 0	8.70					+11	467		-3	-0.7	+10043
+10044	0 0 2 0 0 1 0 0 0 0	3.59	G8	III	1030	4070	+08	511		1	-0.4	+10044
+10045	0 0 1 0 0 0 1 0 0 0	4.09	K0	II	1066	4184	+12	486		0	0.0	+10045
+10046	0 0 1 0 0 2 0 0 0 0	8.10	MA				+14	575		1	0.1	+10046
+10047	0 0 1 0 0 0 1 0 0 0	9.00					+12	505		-2	0.0	+10047
+10048	0 0 1 0 0 1 0 0 0 0								CH TAU	1	1.3	+10048
+10049	0 0 1 0 0 0 1 0 0 0	8.70					+11	515		-3	0.4	+10049
+10050R	0 0 1 0 0 0 1 0 0 0											+10050

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+10051	3	55	55	+10	52.8	2	0.19	0.3	0.4	1.67	0.07	0.09	4.71	0.14	0.06		3.04	0.16		3	2	+10051
+10052	4	0	30	+8	44.6	2	0.50	0.3	0.1	2.33	0.09	0.44	5.00	0.06	0.56		2.67	0.11		2	2	+10052
+10053	4	1	34	+12	22.1	2	1.31	0.3	0.6	2.02	0.06	0.37	5.17	0.06	0.56		3.15	0.08		3	3	+10053
+10054	4	6	1	+9	57.8	2	4.12	0.3	0.2	2.15	0.07	0.56	4.91	0.08	0.06		2.76	0.11		3	2	+10054
+10055	4	8	37	+8	8.5	2	0.25	0.3	1.9	2.86	0.11	0.06	6.22	0.08	0.25		3.36	0.14		2	2	+10055
+10056	4	11	14	+9	8.2	2	0.12	0.3	0.5	2.77	0.12	0.06	4.31	0.09	0.06		1.54	0.15		2	2	+10056
+10057	4	11	30	+14	25.0	2	0.94	0.3	0.2	2.81	0.08	1.31	5.88	0.06	2.91		3.07	0.10		3	3	+10057
+10058	4	16	56	+10	0.4	2	1.69	0.3	3.6	2.94	0.10	0.47	5.22	0.06	0.28		2.28	0.12		3	3	+10058
+10059	4	23	46	+14	36.1	2	0.19	0.5	0.7	2.44	0.09	0.28	4.11	0.13	0.25		1.67	0.16		3	2	+10059
+10060	4	25	36	+10	3.5	2	0.12	0.3	0.5	1.15	0.06	1.50	5.07	0.08	-		3.92	0.10		2	1	+10060
+10061	4	26	29	+9	50.6	2	0.75	0.5	1.5	3.04	0.11	6.19	8.47	0.30	2.34		5.43	0.32	K	3	3	+10061
+10062	4	26	59	+5	3.5	1	0.19	0.3	3.4	1.55	0.05	0.47	4.59	0.06	0.47		3.04	0.08		3	3	+10062
+10063	4	28	16	+14	59.6	2	0.75	0.5	0.2	1.52	0.06	0.12	4.47	0.08	0.69		2.95	0.10		2	2	+10063
+10064	4	30	23	+12	45.0	2	0.37	0.3	1.9	2.67	0.08	0.28	6.73	0.09	4.41		4.06	0.12		3	3	+10064
+10065	4	32	47	+12	36.0	2	0.37	0.5	0.9	2.61	0.09	0.19	6.48	0.08	1.97		3.87	0.12		3	3	+10065
+10066	4	35	30	+8	13.6	2	2.00	0.3	0.5	1.45	0.06	2.44	7.10	0.14	0.06		5.65	0.15		2	2	+10066
+10067	4	36	5	+6	43.5	2	1.25	0.5	0.1	2.50	0.07	0.44	5.60	0.07	0.75		3.10	0.10		2	2	+10067
+10068	4	39	39	+6	47.1	2	0.25	0.3	0.1	1.99	0.07	0.87	6.26	0.08	0.19		4.27	0.11		2	2	+10068
+10069	4	41	37	+11	35.0	2	0.75	0.3	6.2	2.73	0.09	1.87	7.33	0.12	0.09		4.60	0.15		3	3	+10069
+10070	4	47	5	+13	36.8	2	1.25	0.3	0.5	2.51	0.07	0.12	5.44	0.05	1.25		2.93	0.09		4	4	+10070
+10071	4	47	10	+6	52.9	2	0.37	0.3	0.2	2.05	0.06	0.37	2.80	0.05	0.47		0.75	0.08		3	3	+10071
+10072	4	49	43	+14	9.6	1	1.00	0.3	1.7	-0.53	0.04	2.75	2.33	0.05	0.66		2.86	0.06		4	3*	+10072
+10073	4	51	40	+8	50.3	4	-	0.7	-	2.58	0.15	-	7.00	0.18	-		4.42	0.23		1	1	+10073
+10074	4	52	6	+7	41.8	2	3.75	0.3	2.0	2.53	0.07	0.12	4.51	0.06	0.28		1.98	0.09		4	3	+10074
+10075	4	53	32	+13	26.5	1	6.75	0.3	0.2	1.41	0.04	1.87	3.18	0.05	2.12		1.77	0.06		4	4	+10075
+10076	4	59	5	+6	35.6	2	1.69	0.3	0.9	2.51	0.08	0.09	5.98	0.06	0.09		3.47	0.10		3	3	+10076
+10077	5	6	31	+12	24.6	2	0.19	0.3	0.7	2.60	0.08	2.81	6.14	0.07	3.28		3.54	0.11		3	3	+10077
+10078	5	6	37	+14	17.7	2	1.50	0.3	0.2	2.54	0.08	0.56	5.77	0.06	1.69		3.23	0.10		3	3	+10078
+10079	5	12	4	+5	6.1	2	1.31	0.3	0.7	2.37	0.08	0.09	4.43	0.07	0.06		2.06	0.11		3	2	+10079
+10080	5	12	46	+9	21.2	2	0.75	0.5	1.7	2.72	0.10	0.09	6.42	0.11	2.25		3.70	0.15		3	2	+10080
+10081	5	13	11	+11	55.4	2	0.75	0.3	1.2	1.84	0.06	1.12	6.34	0.07	9.75		4.50	0.09	I	4	3	+10081
+10082R	5	15	16	+13	22.0	1	4.69	0.3	0.3	1.23	0.06	0.31	4.78	0.04	7.81		3.55	0.07		5	5	+10082
+10083	5	18	32	+7	18.6	2	0.56	0.3	1.1	2.26	0.06	0.56	7.00	0.10	1.31		4.74	0.12		3	3	+10083
+10084	5	22	26	+6	18.6	1	1.69	0.3	0.9	2.27	0.06	1.41	*	-	-		-	-		3	0*	+10084
+10085	5	25	4	+11	34.5	2	0.12	0.3	0.4	2.40	0.08	1.37	5.99	0.07	4.44		3.59	0.11	I	2	2	+10085
+10086	5	25	41	+8	39.4	2	0.37	0.3	1.5	1.62	0.05	1.78	5.98	0.06	1.59		4.36	0.08		3	3	+10086
+10087	5	29	14	+7	35.0	1	1.25	0.3	1.6	2.05	0.06	0.31	5.94	0.05	0.63		3.89	0.08		5	5	+10087
+10088	5	30	4	+13	0.7	1	0.94	0.3	2.8	1.42	0.05	2.62	5.14	0.05	10.22		3.72	0.07	I	3	3	+10088
+10089	5	30	32	+7	7.1	2	1.50	0.3	0.4	1.82	0.06	3.84	5.78	0.06	13.97		3.96	0.08	I	3	3	+10089
+10090	5	32	33	+8	40.5	2	0.19	0.3	3.8	0.80	0.05	1.03	4.16	0.07	3.19		3.36	0.09		3	3	+10090
+10091	5	34	10	+9	16.1	1	0.56	0.3	0.7	1.69	0.05	1.78	3.28	0.07	0.66		1.59	0.09		3	3	+10091
+10092	5	34	14	+10	25.9	1	6.25	0.3	2.8	1.95	0.05	1.72	5.62	0.05	5.94		3.67	0.07		5	5	+10092
+10093	5	34	19	+11	0.6	2	0.12	0.5	0.4	2.24	0.09	0.06	4.50	0.08	0.06		2.26	0.12		2	2	+10093
+10094	5	38	21	+12	16.0	1	0.19	0.3	3.8	2.11	0.05	1.97	6.69	0.08	6.94		4.58	0.09	I	3	3	+10094
+10095	5	39	2	+14	48.4	2	0.75	0.5	3.8	1.69	0.05	1.87	5.48	0.09	-		3.79	0.10		4	1	+10095
+10096	5	46	30	+13	11.2	2	0.19	0.3	1.9	1.90	0.05	2.25	6.60	0.07	0.66		4.70	0.09		3	3	+10096
+10097	5	49	38	+9	25.1	2	4.31	0.3	0.4	2.56	0.08	3.09	5.81	0.09	0.66		3.25	0.12		3	3	+10097
+10098	5	51	12	+8	26.4	1	0.94	0.3	2.8	2.47	0.07	1.50	6.01	0.06	1.22		3.54	0.09		3	3	+10098
+10099	5	51	28	+10	35.9	1	0.63	0.3	5.6	2.81	0.08	2.66	4.98	0.04	1.25		2.17	0.09		5	5	+10099
+10100	5	52	28	+7	24.0	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	+10100

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+10051	0 0 1 0 0 1 1 0 0 0	8.20	MA				+10	513		3	-0.4	+10051
+10052	0 0 1 0 0 1 0 0 0 0	6.97	KO			4860	+08	625		2	-0.1	+10052
+10053	1 0 1 0 0 0 1 0 0 0	7.50	MA				+12	547		1	-0.2	+10053
+10054	1 0 1 0 0 1 0 0 0 0	7.12	MO			4989	+09	543		2	-0.4	+10054
+10055	0 0 1 0 0 1 0 0 0 0	8.80	MO				+07	610		0	-1.1	+10055
+10056	1 0 0 0 0 1 0 0 0 0	4.83	G5	G	1311	5100	+08	652		0	-0.1	+10056
+10057	0 0 1 0 0 2 0 0 0 0	8.50	KO				+14	672		0	-0.4	+10057
+10058	1 0 1 0 0 1 0 0 0 0	6.31	KO		1349	5221	+09	562		3	0.2	+10058
+10059	0 0 2 0 0 1 0 0 0 0	4.70	G8	III	1396	5383	+14	697		-1	0.0	+10059
+10060	1 0 0 0 0 1 0 0 0 0	7.40	M6E			5426	+09	585	R TAU	2	0.4	+10060
+10061	1 0 0 0 0 2 0 0 0 0								S TAU	2	0.4	+10061
+10062	0 0 1 0 0 0 1 0 1 0	8.30	MB				+04	696		-1	0.1	+10062
+10063	0 0 1 0 0 1 0 0 0 0	6.64	MO			5495	+14	711		-2	-0.3	+10063
+10064	1 0 1 0 0 0 1 0 0 0											+10064
+10065	1 0 1 0 0 0 1 0 0 0											+10065
+10066	0 0 1 0 0 1 0 0 0 0								RX TAU	-2	-0.6	+10066
+10067	0 0 1 0 0 0 1 0 0 0	8.40	MA				+06	730		0	0.2	+10067
+10068	0 0 1 0 0 0 1 0 0 0								BZ TAU	-3	0.8	+10068
+10069	1 0 1 0 0 0 1 0 0 0											+10069
+10070	1 0 1 0 0 1 1 0 0 0	7.70	K2				+13	720		-2	0.5	+10070
+10071	1 0 1 0 0 0 1 0 0 0	3.19	F6	V	1543	5875	+06	762		2	0.3	+10071
+10072	1 0 1 0 0 2 0 0 0 0	4.74	M3		1556	5942	+14	777		0	-0.5	+10072
+10073	0 0 0 0 0 1 0 0 0 0								FS ORI	-3	-0.8	+10073
+10074	0 0 1 0 0 1 2 0 0 0	5.34	K1	G	1571	5986	+07	755		0	-0.2	+10074
+10075	1 0 1 0 0 1 1 0 0 0	4.06	K2	III	1580	6025	+13	740		-2	0.3	+10075
+10076	1 0 1 0 0 0 1 0 0 0											+10076
+10077	1 0 1 0 0 0 1 0 0 0	8.80	MD				+12	738		0	-0.4	+10077
+10078	1 0 1 0 0 1 0 0 0 0	8.70	MA				+14	840		-3	0.1	+10078
+10079	0 0 2 0 0 0 1 0 0 0	5.51	K4	G	1709	6407	+04	877		-1	0.1	+10079
+10080	1 0 0 1 0 1 0 0 0 0								EV ORI	0	0.7	+10080
+10081	2 0 1 0 0 0 1 0 0 0								V431 ORI	1	0.7	+10081
+10082R	2 0 1 0 0 1 1 0 0 0	7.90	M3			6483						+10082
+10083	1 0 1 0 0 0 1 0 0 0											+10083
+10084	1 0 1 0 0 0 1 0 0 0	1.64	B2	III	1790	6668	+06	919		-2	0.3	+10084
+10085	1 0 0 0 0 0 1 0 0 0	8.60	MA				+11	813		-3	-0.1	+10085
+10086	1 0 1 0 0 0 1 0 0 0								V440 ORI	3	0.4	+10086
+10087	1 0 2 0 0 0 2 0 0 0								BK ORI	1	0.5	+10087
+10088	1 0 1 0 0 0 1 0 0 0	8.80	MD				+12	815		-2	-0.3	+10088
+10089	1 0 1 0 0 0 1 0 0 0								RT ORI	0	0.0	+10089
+10090	1 0 1 0 0 0 1 0 0 0	8.20	MB				+08	1005		0	0.3	+10090
+10091	1 0 0 1 0 0 1 0 0 0	4.09	G8	III	1907	6972	+09	898		0	0.2	+10091
+10092	1 0 0 1 0 1 2 0 0 0											+10092
+10093	0 0 0 1 0 0 1 0 0 0	5.98	K5	III	1908	6975	+10	828		1	0.3	+10093
+10094	1 0 1 0 0 0 1 0 0 0											+10094
+10095	1 0 2 0 0 1 0 0 0 0	8.70	MD				+14	985	FX ORI	-2	-0.3	+10095
+10096	1 0 1 0 0 0 1 0 0 0								EL TAU	0	1.5	+10096
+10097	1 0 0 1 0 0 1 0 0 0											+10097
+10098	1 0 1 0 0 0 1 0 0 0											+10098
+10099	1 0 0 1 0 0 3 0 0 0	6.35	G9	II	2048	7420	+10	927		1	1.2	+10099
+10100	2 0 2 0 0 0 3 0 0 0	0.80	M2	II	2061	7451	+07	1055	ALF ORI	0	0.0	+10100

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+10101	5 54 41	+14 3.6	1	0.50	0.3	9.5	2.83	0.08	0.87	5.41	0.05	3.00		2.58	0.09		4	4	+10101
+10102	5 58 45	+10 40.8	1	0.94	0.3	2.8	1.82	0.04	3.12	6.19	0.13	0.09		4.37	0.14		5	3	+10102
+10103	5 58 53	+10 54.8	1	2.50	0.3	0.9	1.05	0.05	11.41	5.16	0.07	0.63		4.11	0.09	K	5	4	+10103
+10104	5 59 27	+8 27.1	2	2.62	0.3	2.3	2.59	0.07	1.22	6.85	0.09	2.62		4.26	0.11		3	3	+10104
+10105	5 59 41	+13 0.4	2	1.12	0.3	1.9	2.92	0.09	2.16	5.37	-	-	Q	2.45	-		3	3	+10105
+10106	6 0 36	+13 43.9	1	1.75	0.3	2.6	2.62	0.05	10.94	7.56	0.11	19.31		4.94	0.12	K,I	7	6	+10106
+10107	6 3 41	+10 10.5	2	0.56	0.5	0.4	2.57	0.08	2.72	6.13	0.07	4.12		3.56	0.11		3	3	+10107
+10108	6 6 38	+5 17.7	2	1.31	0.5	2.3	2.99	0.09	0.28	6.74	0.08	2.16		3.75	0.12		3	3	+10108
+10109	6 8 41	+11 14.0	1	0.75	0.3	0.5	2.09	0.05	3.87	6.02	0.06	1.62		3.93	0.08		4	4	+10109
+10110	6 10 22	+6 1.5	2	1.12	0.3	0.9	2.05	0.06	0.56	4.71	0.06	0.84		2.66	0.08		3	3	+10110
+10111	6 12 20	+6 30.2	1	4.25	0.3	4.0	2.92	0.08	2.00	7.33	0.13	0.37		4.41	0.15		4	3	+10111
+10112	6 13 36	+11 29.2	2	2.25	0.5	1.2	2.82	0.08	0.63	5.95	0.06	1.75		3.13	0.10		4	4	+10112
+10113	6 15 1	+8 32.6	1	0.19	0.3	1.1	2.17	0.06	0.75	6.59	0.08	2.81		4.42	0.10		3	3	+10113
+10114	6 17 16	+14 40.4	1	4.06	0.2	1.9	1.76	0.04	0.47	4.28	0.06	1.72		2.52	0.07		5	5	+10114
+10115	6 17 32	+11 22.7	2	0.75	0.5	0.2	2.87	0.09	1.50	6.99	0.10	3.00		4.12	0.13		4	4	+10115
+10116	6 18 5	+5 45.5	2	0.19	0.3	0.4	2.29	0.07	0.19	5.55	0.07	0.56		3.26	0.10		3	2	+10116
+10117	6 18 53	+13 15.0	2	0.37	0.3	1.1	2.41	0.08	0.19	6.63	0.09	0.19		4.22	0.12		2	2	+10117
+10118	6 19 17	+7 22.6	2	3.75	0.3	2.2	2.40	0.07	0.31	7.50	0.12	2.37		5.10	0.14		5	4	+10118
+10119	6 21 9	+8 31.4	2	1.31	0.7	0.2	2.96	0.10	0.19	7.22	0.14	0.56		4.26	0.17		3	2	+10119
+10120	6 21 24	+14 15.2	1	4.37	0.3	2.8	2.69	0.06	2.66	7.83	0.15	0.94		5.14	0.16		5	5	+10120
+10121	6 22 37	+14 45.3	1	9.69	0.2	1.6	0.75	0.04	0.94	4.29	0.06	2.66		3.54	0.07		5	5	+10121
+10122	6 23 16	+13 39.6	2	1.25	0.5	2.3	2.92	0.09	1.62	6.02	0.06	0.56		3.10	0.11		4	3	+10122
+10123	6 24 4	+10 26.1	3	-	0.7	-	2.95	0.16	-	7.91	0.34	-		4.96	0.38		1	1	+10123
+10124	6 24 19	+5 25.0	2	0.75	0.7	0.2	2.93	0.10	1.22	6.71	0.08	2.44		3.78	0.13		3	3	+10124
+10125	6 27 41	+8 6.5	2	0.12	0.5	0.1	2.73	0.10	0.69	6.76	-	-	Q	4.03	-		2	2	+10125
+10126	6 31 58	+5 0.7	1	2.19	0.3	0.9	1.45	0.04	0.63	4.46	0.06	0.63		3.01	0.07		5	4	+10126
+10127	6 32 36	+10 2.1	2	1.62	0.5	0.1	2.58	0.08	1.25	4.89	0.06	0.19		2.31	0.10		2	2	+10127
+10128	6 33 7	+14 15.4	1	1.00	0.3	2.3	1.64	0.04	0.12	5.84	0.05	2.00		4.20	0.06		4	4	+10128
+10129	6 34 38	+14 45.1	2	0.75	0.3	2.5	3.03	0.09	10.62	7.68	0.14	5.25		4.65	0.17	K	4	4	+10129
+10130	6 36 12	+5 14.1	1	0.75	0.3	0.4	1.86	0.05	0.28	4.94	0.05	0.75		3.08	0.07		3	3	+10130
+10131	6 36 40	+11 27.4	2	0.19	0.5	0.6	2.46	0.08	0.19	7.27	0.14	3.00		4.81	0.16		3	3	+10131
+10132	6 38 28	+11 3.6	2	0.12	0.3	0.1	1.79	0.06	2.50	4.45	0.11	0.06		2.66	0.13		2	2	+10132
+10133	6 39 34	+7 26.6	2	0.94	0.3	0.6	2.77	0.08	3.47	5.36	0.07	1.50		2.59	0.11		3	2	+10133
+10134	6 41 11	+13 16.4	1	0.94	0.3	12.0	1.87	0.05	2.16	3.65	0.06	0.28		1.78	0.08		3	3	+10134
+10135	6 42 18	+9 5.6	2	0.75	0.5	0.6	2.72	0.10	15.56	7.97	0.31	-		5.25	0.33	K	2	1	+10135
+10136	6 42 32	+12 56.5	2	0.94	0.3	0.2	2.13	0.06	1.69	3.06	0.05	0.09		0.93	0.08		3	3	+10136
+10137	6 42 52	+8 5.5	1	1.31	0.3	0.4	2.20	0.06	1.12	6.89	0.09	0.09		4.69	0.11		3	3	+10137
+10138	6 44 35	+8 5.5	1	6.19	0.3	0.6	1.81	0.05	1.50	3.67	0.06	0.56		1.86	0.08		3	3	+10138
+10139	6 45 41	+5 36.1	2	0.37	0.3	0.9	2.71	0.08	0.47	5.63	0.06	0.28		2.92	0.10		3	3	+10139
+10140	6 46 29	+12 14.1	2	1.50	0.3	0.2	1.94	0.06	0.09	5.57	0.06	0.75		3.63	0.08		3	3	+10140
+10141	6 47 14	+12 7.0	2	3.00	0.3	0.2	1.85	0.06	0.19	4.71	0.05	0.19		2.86	0.08		3	3	+10141
+10142	6 47 35	+13 28.5	2	1.00	0.3	5.5	2.87	0.08	0.63	4.83	0.05	1.87		1.96	0.09		4	4	+10142
+10143	6 49 59	+8 29.1	1	12.00	0.3	2.6	0.85	0.05	24.00	5.39	0.05	24.00		4.54	0.07	K,I	3	3	+10143
+10144	6 52 56	+6 26.4	1	4.25	0.3	1.5	1.80	0.05	2.12	6.97	0.08	2.25		5.17	0.09		4	4	+10144
+10145	6 54 37	+8 39.0	2	0.19	0.5	0.4	2.51	0.08	1.22	6.42	0.07	0.19		3.91	0.11		3	3	+10145
+10146	6 55 43	+6 14.2	1	4.69	0.3	1.1	1.53	0.05	3.19	5.06	0.05	15.28		3.53	0.07	I	3	3	+10146
+10147	6 58 13	+10 42.6	2	0.37	0.7	0.2	2.64	0.11	0.09	5.38	0.09	0.06		2.74	0.14		3	2	+10147
+10148	7 0 52	+11 2.1	2	2.06	0.3	3.4	1.93	0.05	0.28	4.01	0.09	0.06		2.08	0.10		3	2	+10148
+10149	7 1 2	+12 40.0	2	3.75	0.5	0.2	2.25	0.07	0.09	4.65	0.05	0.19		2.40	0.09		3	3	+10149
+10150	7 2 36	+10 38.3	2	0.19	0.3	0.6	2.44	0.07	1.69	6.03	0.06	0.19		3.59	0.09		3	3	+10150

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+10101	1 0 1 0 0 1 1 0 0 0	7.03	K2			7503	+14	1088		1	0.3	+10101
+10102	1 0 0 1 0 0 3 0 0 0											+10102
+10103	1 0 0 1 0 0 3 0 0 0								DP ORI	0	0.0	+10103
+10104	1 0 1 0 0 0 1 0 0 0								DR ORI	0	0.0	+10104
+10105	1 0 1 0 0 0 1 0 0 0	7.30	K5			7642	+13	1085		-3	-1.3	+10105
+10106	1 0 1 0 0 2 3 0 0 0								DT ORI	-2	-0.5	+10106
+10107	1 0 0 1 0 0 1 0 0 0											+10107
+10108	1 0 1 0 0 0 1 0 0 0											+10108
+10109	1 0 0 1 0 0 2 0 0 0											+10109
+10110	1 0 1 0 0 0 1 0 0 0	6.78	M0			7918	+06	1160		3	-0.3	+10110
+10111	1 0 2 0 0 0 1 0 0 0											+10111
+10112	1 0 0 1 0 0 2 0 0 0	8.70	MA				+11	1096		1	0.4	+10112
+10113	1 0 1 0 0 0 1 0 0 0								GK ORI	1	0.2	+10113
+10114	1 0 1 0 0 2 1 0 0 0	5.81	K3	II	2269	8131	+14	1247		2	-0.1	+10114
+10115	1 0 0 1 0 0 2 0 0 0								EO ORI	0	0.3	+10115
+10116	1 0 1 0 0 0 1 0 0 0	8.10	M0			8159	+05	1198		-3	-0.3	+10116
+10117	1 0 0 0 0 0 1 0 0 0								DD ORI	-2	-0.5	+10117
+10118	1 0 2 0 0 0 2 0 0 0											+10118
+10119	1 0 1 0 0 0 1 0 0 0											+10119
+10120	1 0 1 0 0 2 1 0 0 0											+10120
+10121	1 0 1 0 0 2 1 0 0 0	6.32	C6		2308	8294	+14	1283	BL ORI	0	0.2	+10121
+10122	0 0 0 0 0 2 2 0 0 0	8.60	MA				+13	1244		0	0.5	+10122
+10123	1 0 0 0 0 0 0 0 0 0											+10123
+10124	1 0 1 0 0 0 1 0 0 0								SW MON	-2	0.6	+10124
+10125	0 0 1 0 0 0 1 0 0 0											+10125
+10126	1 0 1 0 0 1 2 0 0 0	7.20	MB				+05	1306		2	0.2	+10126
+10127	1 0 0 0 0 0 1 0 0 0	5.90	K5	G	2406	8567	+10	1186		3	0.3	+10127
+10128	1 0 0 0 0 2 1 0 0 0								DY GEM	1	1.3	+10128
+10129	1 0 0 0 0 2 1 0 0 0	8.60	K0				+14	1365	UU GEM	-11	1.3	+10129
+10130	1 0 1 0 0 0 1 0 0 0	8.30	MA				+05	1345		0	-0.1	+10130
+10131	1 0 0 1 0 0 1 0 0 0											+10131
+10132	1 0 0 0 0 0 1 0 0 0	6.26	M1		2458	8731	+11	1273		-3	0.5	+10132
+10133	1 0 1 0 0 0 1 0 0 0	7.10	K5			8758	+07	1409		-1	-0.2	+10133
+10134	1 0 0 0 0 0 2 0 0 0	4.49	K1	III	2478	8793	+13	1390		0	-0.4	+10134
+10135	1 0 0 0 0 0 1 0 0 0								FX MON	-2	0.5	+10135
+10136	1 0 0 0 0 0 2 0 0 0	3.37	F5	IV	2484	8823	+13	1396	AT GEM	3	-0.6	+10136
+10137	1 0 1 0 0 0 1 0 0 0											+10137
+10138	1 0 1 0 0 0 1 0 0 0	4.76	K4	III	2503	8880	+08	1496	ST MON	-2	-0.1	+10138
+10139	1 0 1 0 0 0 1 0 0 0	8.30	MA				+05	1414		-1	0.2	+10139
+10140	1 0 1 0 0 0 1 0 0 0								FK GEM	-5	0.0	+10140
+10141	1 0 1 0 0 0 1 0 0 0	8.00	MA				+12	1310		-1	0.0	+10141
+10142	1 0 0 0 0 0 3 0 0 0	5.74	K3	G	2525	8938	+13	1434		-1	0.2	+10142
+10143	1 0 1 0 0 0 1 0 0 0	5.78	A5		2551	9007	+08	1543		-7	2.5	+10143
+10144	1 0 1 0 0 0 2 0 0 0								CL MON	3	-0.5	+10144
+10145	1 0 1 0 0 0 1 0 0 0											+10145
+10146	1 0 1 0 0 0 1 0 0 0	7.60	NB				+06	1462	RV MON	1	0.1	+10146
+10147	1 0 0 0 0 0 2 0 0 0	6.98	K5			9233	+10	1370		0	0.8	+10147
+10148	1 0 0 0 0 0 2 0 0 0	5.12	K3	III	2649	9303	+11	1428		0	0.5	+10148
+10149	1 0 1 0 0 0 1 0 0 0	6.02	K5		2651	9310	+12	1406		-2	-0.2	+10149
+10150	1 0 0 0 0 0 2 0 0 0	8.90	MA				+10	1404		-2	0.7	+10150

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+10151	7	2	52	+9	16.1	2	0.12	0.3	0.1	2.18	0.06	1.31	4.53	0.10	0.50		2.35	0.12		2	2	+10151
+10152	7	4	14	+8	40.0	2	0.25	0.5	1.2	2.87	0.10	0.37	6.56	0.08	1.22		3.69	0.13		4	3	+10152
+10153	7	4	17	+8	57.3	2	2.19	0.3	3.4	1.95	0.06	1.25	6.46	0.08	2.53		4.51	0.10		5	3	+10153
+10154	7	5	54	+10	6.0	2	0.37	0.5	0.6	2.92	0.11	0.06	7.09	0.13	0.25		4.17	0.17		2	2	+10154
+10155	7	7	16	+7	48.6	1	2.19	0.3	11.2	2.97	0.07	0.47	5.31	0.04	2.81		2.34	0.08		5	5	+10155
+10156	7	10	0	+14	40.8	2	2.75	0.5	4.8	2.94	0.10	8.25	7.45	0.14	14.25		4.51	0.17	K,I	4	4	+10156
+10157	7	12	32	+8	28.2	2	0.37	0.3	1.5	2.50	0.07	0.47	5.59	0.06	3.00		3.09	0.09		3	3	+10157
+10158	7	12	55	+5	9.0	2	0.12	0.5	0.2	2.82	0.10	2.00	7.10	0.12	0.25		4.28	0.16		2	2	+10158
+10159	7	12	57	+6	0.7	2	0.12	0.3	0.1	2.21	0.07	0.06	5.50	0.07	0.06		3.29	0.10		2	2	+10159
+10160	7	12	58	+8	4.1	1	2.06	0.3	0.7	0.79	0.04	0.56	3.60	0.06	1.69		2.81	0.07		3	3	+10160
+10161	7	21	1	+6	51.8	2	1.25	0.3	3.1	2.93	0.13	0.06	6.61	-	-	Q	3.68	-		2	2	+10161
+10162	7	21	31	+8	59.8	2	0.94	0.3	1.5	2.84	0.10	1.31	7.02	0.12	0.44		4.18	0.16		3	2	+10162
+10163	7	22	58	+9	23.6	2	0.37	0.5	0.1	2.74	0.11	0.06	4.38	0.10	0.06		1.64	0.15		2	2	+10163
+10164	7	25	26	+9	1.5	2	0.56	0.3	1.9	0.86	0.05	1.31	3.07	0.06	1.12		2.21	0.08		3	2	+10164
+10165	7	26	59	+12	6.8	2	0.19	0.3	0.2	1.74	0.06	1.12	3.53	0.06	0.56		1.79	0.08		3	3	+10165
+10166	7	27	22	+10	9.9	2	0.12	0.3	0.1	2.75	0.13	0.31	5.54	0.09	-		2.79	0.16		2	1	+10166
+10167	7	30	1	+8	25.6	2	0.56	0.3	0.2	0.48	0.05	5.72	4.75	0.06	24.00		4.27	0.08	K,I	3	3	+10167
+10168	7	30	35	+11	8.0	2	0.50	0.3	0.7	1.81	0.06	0.50	4.63	0.08	0.06		2.82	0.10		2	2	+10168
+10169	7	32	24	+6	18.2	2	0.12	0.5	1.4	2.53	0.08	0.06	5.62	0.07	0.25		3.09	0.11		2	2	+10169
+10170	7	36	42	+5	21.1	1	0.75	0.2	3.8	-0.65	0.05	1.78	*	-	-		-	-		3	0*	+10170
+10171	7	38	36	+8	30.0	2	0.56	0.5	0.4	2.92	0.09	0.37	6.85	0.09	13.97		3.93	0.13	I	3	3	+10171
+10172	7	39	4	+13	36.1	1	2.81	0.2	2.8	1.39	0.04	1.25	4.04	0.07	0.66		2.65	0.08		5	3	+10172
+10173	7	39	14	+14	19.7	1	0.75	0.3	0.2	0.68	0.04	1.75	3.46	0.05	2.62		2.78	0.06		4	4	+10173
+10174	7	41	20	+14	18.0	2	1.25	0.3	3.3	2.32	0.06	0.12	5.24	0.05	3.12		2.92	0.08		4	4	+10174
+10175	7	42	56	+5	20.2	2	0.19	0.3	0.7	2.51	0.07	1.97	6.13	0.07	2.34		3.62	0.10		3	3	+10175
+10176	7	45	26	+5	32.6	1	0.56	0.3	0.2	2.62	0.07	0.94	5.03	0.05	0.37		2.41	0.09		3	3	+10176
+10177	7	46	14	+13	30.0	1	2.81	0.3	1.6	2.80	0.07	1.56	5.07	0.04	3.28		2.27	0.08		5	5	+10177
+10178	7	47	24	+14	51.4	1	1.56	0.3	4.7	2.66	0.08	1.09	6.18	0.05	1.87		3.52	0.09		5	5	+10178
+10179	7	53	50	+11	10.9	2	0.19	0.5	0.7	2.80	0.11	0.66	5.95	0.07	0.09		3.15	0.13		3	3	+10179
+10180	7	53	54	+6	32.1	2	0.12	0.3	0.4	2.97	0.10	0.12	5.90	0.09	-		2.93	0.13		2	1	+10180
+10181	7	56	46	+13	22.9	2	0.19	0.5	1.1	2.96	0.11	0.28	5.07	0.06	0.09		2.11	0.13		3	3	+10181
+10182	8	3	29	+5	43.5	2	0.75	0.3	1.2	2.55	0.07	0.37	5.80	0.05	2.37		3.25	0.09		4	4	+10182
+10183	8	9	55	+7	7.6	2	1.25	0.5	0.1	2.99	0.11	0.25	6.41	0.08	0.06		3.42	0.14		2	2	+10183
+10184	8	13	31	+10	48.1	2	1.12	0.5	0.4	2.81	0.08	0.56	6.79	0.16	-		3.98	0.18		3	1	+10184
+10185	8	13	49	+11	52.9	2	2.06	0.3	0.2	-0.74	0.06	3.47	2.98	0.05	18.66		3.72	0.08	I	3	3	+10185
+10186	8	13	50	+9	20.9	2	0.75	0.3	0.2	-0.18	0.06	0.56	*	-	-		-	-		3	0*	+10186
+10187	8	18	55	+5	7.3	1	8.00	0.3	1.2	0.43	0.04	1.62	4.33	0.07	4.37		3.90	0.08		4	4	+10187
+10188	8	21	10	+10	47.4	1	0.19	0.3	1.1	2.13	0.06	0.19	4.68	0.06	1.03		2.55	0.08		3	3	+10188
+10189	8	24	1	+12	49.5	2	0.12	0.3	0.7	0.66	0.05	0.56	3.43	0.07	0.06		2.77	0.09		2	2	+10189
+10190	8	29	53	+8	39.6	2	0.12	0.3	1.1	2.27	0.08	0.06	5.58	0.07	0.06		3.31	0.11		2	2	+10190
+10191	8	31	55	+5	40.8	1	1.50	0.3	0.7	2.71	0.06	2.81	5.23	0.04	0.63		2.52	0.07		6	4	+10191
+10192	8	33	23	+13	23.4	2	0.12	0.7	0.6	2.99	0.12	0.63	6.93	0.11	8.87		3.94	0.16	I	2	2	+10192
+10193	8	44	9	+6	36.4	2	0.19	0.3	0.2	1.51	0.04	0.94	2.76	0.05	1.78		1.25	0.06		3	3	+10193
+10194	8	45	53	+12	44.0	2	0.63	0.3	0.1	1.81	0.07	0.06	4.61	0.07	0.06		2.80	0.10		2	2	+10194
+10195	8	45	55	+10	36.9	2	0.37	0.3	0.2	2.34	0.06	0.09	5.12	0.05	0.75		2.78	0.08		3	3	+10195
+10196	8	52	47	+6	8.5	1	1.69	0.3	0.2	0.89	0.04	1.31	*	-	-		-	-		3	0*	+10196
+10197	8	53	12	+11	49.3	2	8.25	0.3	0.2	2.24	0.06	1.75	4.40	0.07	0.25		2.16	0.09		4	4	+10197
+10198	8	54	19	+11	2.3	2	0.56	0.3	4.9	2.64	0.08	1.03	6.74	0.11	0.56		4.10	0.14		3	2	+10198
+10199	8	55	34	+11	2.3	2	0.94	0.3	0.2	0.18	0.05	0.28	3.76	0.08	0.87		3.58	0.09		3	2	+10199
+10200	9	0	38	+8	24.9	2	2.25	0.3	1.2	2.80	0.08	0.50	6.90	0.08	0.12		4.10	0.11		4	4	+10200

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+10151	1 0 0 0 0 0 1 0 0 0	5.78	M0	G	2663	9355	+09	1510		-3	0.3	+10151
+10152	1 0 1 0 0 0 2 0 0 0	8.80	B8				+08	1653		-2	-0.6	+10152
+10153	3 0 1 0 0 0 1 0 0 0								V CMI	1	-0.1	+10153
+10154	1 0 0 0 0 0 1 0 0 0	7.20	S4			9432	+10	1428	R CMI	-4	-0.3	+10154
+10155	1 0 1 0 0 0 3 0 0 0	6.78	K2			9466	+07	1618		0	0.2	+10155
+10156	1 0 0 0 0 2 1 0 0 0								VX GEM	1	-0.3	+10156
+10157	1 0 1 0 0 0 1 0 0 0	8.40	K2				+08	1710		0	-0.1	+10157
+10158	1 0 0 0 0 0 1 0 0 0	9.00	F8				+05	1606		-5	0.9	+10158
+10159	1 0 0 0 0 0 1 0 0 0	8.40	MA				+06	1587		-2	0.1	+10159
+10160	1 0 1 0 0 0 1 0 0 0	5.83	M4	G	2747	9628	+08	1712		1	0.1	+10160
+10161	1 0 0 0 0 0 1 0 0 0								RZ CMI	0	-1.0	+10161
+10162	1 0 1 0 0 0 1 0 0 0								ZZ CMI	1	0.3	+10162
+10163	1 0 0 0 0 0 1 0 0 0	4.99	G8	III	2828	9908	+09	1643		2	1.0	+10163
+10164	1 0 1 0 0 0 1 0 0 0	4.29	K3	III	2854	9974	+09	1660		-1	-0.2	+10164
+10165	1 0 1 0 0 0 1 0 0 0	4.54	K2	III	2864	10024	+12	1567		-2	0.1	+10165
+10166	0 0 0 0 0 0 2 0 0 0	7.70	MA				+10	1547		0	0.7	+10166
+10167	1 0 1 0 0 0 1 0 0 0	7.00	M7E			10095	+08	1800	S CMI	0	0.0	+10167
+10168	1 0 0 0 0 0 1 0 0 0	7.50	MA				+11	1607		-7	0.8	+10168
+10169	1 0 0 0 0 0 1 0 0 0	8.10	MA				+06	1720		1	-0.1	+10169
+10170	1 0 1 0 0 0 1 0 0 0	0.34	F5	IV	2943	10277	+05	1739		1	-0.2	+10170
+10171	1 0 1 0 0 0 1 0 0 0	8.40	A2				+08	1848	U CMI	-6	-2.8	+10171
+10172	1 0 1 0 0 1 2 0 0 0	5.93	M1		2965	10349	+13	1737		0	0.2	+10172
+10173	1 0 1 0 0 1 1 0 0 0	5.56	M3		2967	10351	+14	1729		-1	0.1	+10173
+10174	1 0 1 0 0 1 1 0 0 0	8.10	MB				+14	1738		-1	0.4	+10174
+10175	1 0 1 0 0 0 1 0 0 0								UX CMI	0	1.0	+10175
+10176	1 0 1 0 0 0 1 0 0 0	6.95	K0			10509	+05	1790		2	0.5	+10176
+10177	1 0 1 0 0 1 2 0 0 0	6.12	K0		3030	10539	+13	1772		0	0.2	+10177
+10178	2 0 1 0 0 1 1 0 0 0	8.90					+15	1674		0	-0.1	+10178
+10179	1 0 0 0 0 0 2 0 0 0	8.30	MA				+11	1719		1	0.1	+10179
+10180	1 0 0 0 0 0 1 0 0 0	7.80	K5				+06	1828		2	-0.3	+10180
+10181	1 0 1 0 0 0 1 0 0 0	6.05	K2		3115	10801	+13	1811		-2	0.1	+10181
+10182	1 0 1 1 0 0 1 0 0 0	7.90	K0				+05	1872		0	1.2	+10182
+10183	1 0 0 0 0 0 1 0 0 0	8.70	M2				+07	1938		1	0.0	+10183
+10184	1 0 0 0 0 0 2 0 0 0											+10184
+10185	2 0 0 0 0 0 1 0 0 0	6.00	M7	G	3248	11255	+12	1803	R CNC	0	0.0	+10185
+10186	2 0 0 0 0 0 1 0 0 0	3.52	K4	III	3249	11254	+09	1917		1	0.4	+10186
+10187	1 0 1 1 0 0 1 0 0 0	8.70	M				+05	1942	FZ HYA	0	0.1	+10187
+10188	1 0 0 0 0 0 2 0 0 0	6.16	M2	G	3290	11454	+11	1830		-2	-0.3	+10188
+10189	1 0 0 0 0 0 1 0 0 0	5.50	M3	G	3319	11525	+13	1912		2	0.2	+10189
+10190	1 0 0 0 0 0 1 0 0 0	8.60	MA				+08	2073		-1	0.1	+10190
+10191	2 0 1 1 0 0 2 0 0 0	6.93	K5			11753	+05	1999		0	0.2	+10191
+10192	1 0 0 0 0 0 1 0 0 0								UY CNC	1	0.2	+10192
+10193	1 0 0 1 0 0 1 0 0 0	3.36	G0	III	3482	12102	+06	2036		1	0.2	+10193
+10194	1 0 0 0 0 0 1 0 0 0	6.81	M0			12156	+13	1994		-2	0.0	+10194
+10195	1 0 0 0 0 0 2 0 0 0	7.14	M0			12155	+10	1876		1	-0.2	+10195
+10196	1 0 0 1 0 0 1 0 0 0	3.12	K0	II	3547	12327	+06	2060		1	0.3	+10196
+10197	2 0 0 0 0 0 2 0 0 0	5.56	K5	G	3550	12339	+12	1941		0	0.2	+10197
+10198	1 0 0 0 0 0 2 0 0 0											+10198
+10199	1 0 0 0 0 0 2 0 0 0	8.20	MA				+11	1954	RT CNC	0	-0.1	+10199
+10200	2 0 0 0 0 0 2 0 0 0											+10200

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+10201	9	3	21	+5	17.4	1	0.25	0.2	1.7	2.25	0.05	2.25	4.06	0.07	0.37		1.81	0.09		4	3	+10201
+10202	9	4	50	+6	32.0	2	2.75	0.3	0.2	2.97	0.09	0.63	6.23	0.07	3.00		3.26	0.11		4	3	+10202
+10203	9	5	38	+13	25.4	2	3.56	0.3	0.4	0.18	0.07	1.97	4.30	0.09	0.31		4.12	0.11		3	2	+10203
+10204	9	18	37	+12	27.6	2	0.12	0.5	0.5	2.69	0.11	0.31	5.81	0.09	0.50		3.12	0.14		2	2	+10204
+10205	9	20	49	+7	55.8	2	0.94	0.3	0.6	1.65	0.06	0.09	4.70	0.06	1.69		3.05	0.08		3	3	+10205
+10206	9	29	14	+11	31.2	2	0.12	0.3	0.1	2.46	0.08	0.25	4.26	0.10	0.06		1.80	0.13		2	2	+10206
+10207	9	29	20	+9	56.0	2	0.25	0.3	0.2	1.84	0.06	0.87	4.01	0.08	0.12		2.17	0.10		2	2	+10207
+10208	9	32	1	+8	24.9	2	2.00	0.3	1.5	2.77	0.11	1.75	5.60	0.07	0.63		2.83	0.13		2	2	+10208
+10209	9	34	35	+7	3.9	1	2.75	0.3	0.7	2.56	0.06	0.12	4.33	0.07	1.59		1.77	0.09		4	3	+10209
+10210	9	38	33	+10	7.1	2	3.50	0.3	0.1	2.40	0.08	0.44	3.30	0.07	1.00		0.90	0.11		2	2	+10210
+10211	9	41	1	+14	15.1	2	2.50	0.3	2.3	1.10	0.05	1.37	3.76	0.06	0.25		2.66	0.08		4	4	+10211
+10212	9	42	52	+10	27.2	2	0.63	0.5	0.2	2.92	0.12	0.25	5.55	0.07	0.06		2.63	0.14		2	2	+10212
+10213	9	43	32	+6	56.6	2	2.25	0.3	0.2	1.65	0.05	0.09	4.20	0.07	1.12		2.55	0.09		3	3	+10213
+10214	9	43	44	+12	2.6	2	0.12	0.3	0.4	2.22	0.08	0.06	4.52	0.07	2.25		2.30	0.11		2	2	+10214
+10215	9	44	52	+11	39.8	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	+10215
+10216	9	45	18	+13	30.6	1	0.75	0.3	0.5	1.31	0.05	32.00	7.46	0.28	-		6.15	0.28	K	4	1	+10216
+10217	9	48	19	+13	18.0	2	0.12	0.3	0.5	2.42	0.08	0.37	5.06	0.06	0.69		2.64	0.10		2	2	+10217
+10218	9	51	5	+6	11.7	2	0.56	0.3	0.2	1.34	0.05	0.09	4.05	0.07	0.84		2.71	0.09		3	3	+10218
+10219	9	51	19	+10	29.6	2	2.25	0.3	0.6	1.54	0.05	0.66	4.86	0.05	0.19		3.32	0.07		3	3	+10219
+10220	9	51	29	+5	10.7	1	0.25	0.3	0.5	2.84	0.08	2.87	5.25	0.05	1.00		2.41	0.09		4	4	+10220
+10221	9	52	17	+5	26.2	2	1.25	0.3	0.2	2.84	0.08	3.25	6.23	0.06	5.37		3.39	0.10		4	4	+10221
+10222	9	55	28	+8	33.0	2	3.50	0.3	1.7	2.95	0.09	2.62	5.17	0.06	0.69		2.22	0.11		4	2	+10222
+10223	9	56	12	+5	2.9	1	0.63	0.3	0.6	2.52	0.06	0.63	5.34	0.05	2.50		2.82	0.08		5	4	+10223
+10224	9	57	35	+8	16.9	1	2.81	0.3	2.5	0.52	0.04	6.25	3.02	0.04	2.50		2.50	0.06		5	5	+10224
+10225	10	5	14	+10	14.4	2	0.19	0.3	2.3	1.03	0.07	0.66	3.18	0.07	0.19		2.15	0.10		3	2	+10225
+10226	10	5	46	+12	12.4	2	3.37	0.3	0.2	1.62	0.06	0.09	*	-	-		-	-		3	0*	+10226
+10227	10	6	52	+9	50.4	2	0.37	0.3	1.9	2.58	0.07	0.19	5.36	0.06	0.94		2.78	0.09		3	3	+10227
+10228	10	13	58	+13	58.5	1	3.00	0.3	0.2	1.29	0.04	0.63	3.85	0.05	0.25		2.56	0.06		4	4	+10228
+10229	10	19	37	+9	13.1	2	1.12	0.7	0.2	2.76	0.09	1.78	5.29	0.06	0.19		2.53	0.11		3	3	+10229
+10230	10	22	40	+9	2.3	2	2.25	0.3	0.2	1.35	0.05	0.19	4.01	0.08	0.44		2.66	0.09		3	2	+10230
+10231	10	29	29	+14	23.6	1	2.62	0.3	0.6	1.04	0.04	2.06	3.71	0.06	0.37		2.67	0.07		3	3	+10231
+10232	10	32	9	+7	12.6	2	0.19	0.5	0.2	2.90	0.10	0.09	4.47	0.10	0.28		1.57	0.14		3	3	+10232
+10233	10	46	8	+8	55.8	1	0.31	0.2	2.2	1.65	0.05	2.19	5.66	0.05	3.62		4.01	0.07		5	4	+10233
+10234	10	50	58	+13	59.1	2	5.25	0.5	0.5	2.59	0.08	2.50	8.35	0.24	3.50		5.76	0.25		4	4	+10234
+10235	10	53	26	+6	27.0	1	1.69	0.3	0.2	-0.80	0.05	1.50	2.46	0.05	3.56		3.26	0.07		3	3	+10235
+10236	11	7	58	+11	34.1	1	1.50	0.3	1.5	1.51	0.04	0.84	4.71	0.07	0.37		3.20	0.08		3	2	+10236
+10237	11	13	13	+13	34.8	1	15.62	0.3	5.0	2.47	0.05	0.78	4.42	0.06	1.41		1.95	0.08		5	5	+10237
+10238	11	21	19	+10	47.3	2	0.75	0.3	0.2	2.81	0.08	4.62	3.76	0.06	1.00		0.95	0.10		4	4	+10238
+10239	11	22	21	+11	42.5	2	0.19	0.3	1.5	2.50	0.08	1.41	4.81	0.05	1.31		2.31	0.09		3	3	+10239
+10240	11	25	26	+12	14.7	1	1.25	0.3	0.7	2.72	0.07	2.00	5.15	0.05	4.50		2.43	0.09		4	4	+10240
+10241	11	28	53	+9	1.6	2	1.25	0.3	2.3	2.67	0.08	0.63	6.19	0.07	2.25		3.52	0.11		4	3	+10241
+10242	11	34	21	+9	48.3	2	0.37	0.3	1.5	2.27	0.06	1.69	6.05	0.06	6.28		3.78	0.08	I	3	3	+10242
+10243	11	35	52	+8	24.4	1	0.94	0.3	3.0	-0.27	0.05	1.22	2.75	0.05	3.84		3.02	0.07		3	3	+10243
+10244	11	38	13	+13	21.6	2	1.25	0.3	0.5	2.78	0.07	0.87	6.02	0.05	11.87		3.24	0.09	I	4	4	+10244
+10245	11	43	17	+6	48.6	1	3.25	0.3	2.8	0.00	0.06	0.12	2.49	0.06	0.69		2.49	0.08		4	2	+10245
+10246	11	43	32	+7	27.5	2	2.06	0.5	2.4	2.60	0.08	0.66	5.39	0.06	1.03		2.79	0.10		3	3	+10246
+10247	11	46	31	+14	50.9	1	3.37	0.3	2.6	1.90	0.05	1.31	*	-	-		-	-		6	0*	+10247
+10248	12	0	1	+8	20.2	2	2.62	0.3	3.9	2.81	0.10	0.28	5.64	0.07	0.19		2.83	0.12		3	2	+10248
+10249	12	1	44	+5	12.2	2	0.37	0.3	0.2	2.93	0.09	1.31	5.57	0.06	0.37		2.64	0.11		3	3	+10249
+10250	12	2	40	+9	0.9	1	10.50	0.3	2.6	1.84	0.06	1.69	3.67	0.07	1.44		1.83	0.09		6	2	+10250

NO.	OBSERVATIONAL RECORD • 65 • 66 • 67 •	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+10201	1 0 1 1 0 0 1 0 0 0	4.97	K2	II	3613	12564	+05	2116		0	-0.2	+10201
+10202	1 0 0 2 0 0 1 0 0 0	8.60	MB				+06	2107		-1	0.5	+10202
+10203	1 0 0 0 0 0 2 0 0 0	8.80	MC				+13	2045		-4	-0.1	+10203
+10204	1 0 0 0 0 0 1 0 0 0	8.30	MB				+12	2023		2	0.3	+10204
+10205	1 0 0 0 0 0 2 0 0 0	7.25	M0			12947	+08	2215		-2	0.0	+10205
+10206	1 0 0 0 0 0 1 0 0 0	4.97	K0	III	3782	13149	+11	2053		-2	-0.1	+10206
+10207	1 0 0 0 0 0 1 0 0 0	5.12	K3	III	3779	13150	+10	2014		3	-0.2	+10207
+10208	1 0 0 0 0 0 1 0 0 0	8.10	M0			13225	+08	2243		-1	0.2	+10208
+10209	2 0 0 1 0 0 1 0 0 0	4.99	K1	III	3827	13283	+07	2160		1	0.2	+10209
+10210	1 0 0 0 0 0 1 0 0 0	3.51	A2		3852	13366	+10	2044		4	-0.1	+10210
+10211	1 0 0 1 0 0 2 0 0 0	5.41	M2	G	3866	13414	+14	2136		0	0.0	+10211
+10212	1 0 0 0 0 0 1 0 0 0	7.30	K5				+10	2049		3	0.1	+10212
+10213	1 0 0 1 0 0 1 0 0 0	5.78	M1	G	3876	13452	+07	2181		0	0.2	+10213
+10214	1 0 0 0 0 0 1 0 0 0	5.60	K4	G	3877	13454	+12	2090		1	0.1	+10214
+10215	2 0 0 0 0 0 1 0 0 0	5.00	M8	G	3882	13489	+12	2096	R LEO	0	0.1	+10215
+10216	1 0 0 1 0 0 2 0 0 0											+10216
+10217	1 0 0 0 0 0 1 0 0 0	6.55	M0	G	3896	13554	+13	2164		-1	-0.1	+10217
+10218	1 0 0 1 0 0 1 0 0 0	5.95	M2	G	3915	13608	+06	2224		-1	0.1	+10218
+10219	1 0 0 0 0 0 2 0 0 0	8.20	MB				+10	2067		1	-0.1	+10219
+10220	1 0 1 1 0 0 1 0 0 0	6.98	K5			13617	+05	2248		-1	-0.2	+10220
+10221	1 0 1 1 0 0 1 0 0 0	9.00	M2				+05	2249	RR SEX	0	0.2	+10221
+10222	1 0 0 1 0 0 2 0 0 0	6.03	K3	G	3938	13721	+09	2269		-1	-0.2	+10222
+10223	1 0 1 1 0 0 2 0 0 0	7.31	M0			13733	+05	2263		-1	0.0	+10223
+10224	2 0 0 1 0 0 2 0 0 0	4.71	M2	III	3950	13755	+08	2301		0	-0.2	+10224
+10225	1 0 0 1 0 0 1 0 0 0	4.36	K4	III	3980	13911	+10	2112		-1	-0.2	+10225
+10226	2 0 0 0 0 0 1 0 0 0	1.36	B7	V	3982	13926	+12	2149		3	-0.4	+10226
+10227	1 0 0 1 0 0 1 0 0 0	7.52	M0			13949	+10	2116		0	0.0	+10227
+10228	1 0 0 1 0 0 2 0 0 0	5.51	M1	G	4035	14110	+14	2228		-3	-0.2	+10228
+10229	1 0 0 1 0 0 1 0 0 0	6.96	K5			14240	+09	2344		0	0.1	+10229
+10230	1 0 0 1 0 0 1 0 0 0	5.61	M3	G	4088	14301	+09	2351		2	-0.1	+10230
+10231	1 0 0 1 0 0 1 0 0 0	5.54	M2	G	4127	14468	+14	2255		-3	0.0	+10231
+10232	1 0 0 1 0 0 1 0 0 0	5.08	G8	II	4146	14533	+07	2330		-3	-0.1	+10232
+10233	2 0 0 2 0 0 1 0 0 0								VV LEO	-2	0.0	+10233
+10234	1 0 0 1 0 0 2 0 0 0								W LEO	-1	0.2	+10234
+10235	1 0 0 1 0 0 1 0 0 0	5.81	M5	III	4267	15032	+06	2369	VY LEO	0	-0.2	+10235
+10236	1 0 0 1 0 0 1 0 0 0	7.46	M3			15361	+12	2307		-2	-0.3	+10236
+10237	1 1 0 1 0 0 2 0 0 0	5.34	K3	III	4365	15487	+14	2367		-2	-0.1	+10237
+10238	1 0 0 1 0 0 2 0 0 0	3.93	F2	IV	4399	15652	+11	2348		-1	-1.0	+10238
+10239	1 0 0 1 0 0 1 0 0 0	5.79	K4	III	4404	15670	+12	2335		-3	0.2	+10239
+10240	1 1 0 1 0 0 1 0 0 0	6.66	K2			15730	+12	2338		-1	-0.2	+10240
+10241	2 0 0 1 0 0 1 0 0 0	8.70	M5				+09	2509		0	0.1	+10241
+10242	1 0 0 1 0 0 1 0 0 0								ZZ LEO	1	-0.1	+10242
+10243	1 0 0 1 0 0 1 0 0 0	5.37	M4	III	4483	15971	+08	2532		-2	-0.3	+10243
+10244	1 1 0 1 0 0 1 0 0 0	8.70	MB				+13	2440	AK LEO	0	0.3	+10244
+10245	1 0 0 1 0 0 2 0 0 0	4.02	M1	III	4517	16135	+07	2479		0	0.0	+10245
+10246	1 0 0 1 0 0 1 0 0 0	7.08	M0			16138	+07	2480		0	0.4	+10246
+10247	2 1 0 1 0 0 2 0 0 0	2.14	A3	V	4534	16189	+15	2383		0	-0.2	+10247
+10248	1 0 0 1 0 0 1 0 0 0	8.40	MA				+08	2562		-1	-0.7	+10248
+10249	1 0 0 1 0 0 1 0 0 0	7.50	MA				+05	2580		-2	-0.4	+10249
+10250	3 0 0 1 0 0 2 0 0 0	4.11	G8	III	4608	16512	+09	2583		0	0.2	+10250

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+10251	12 17 17	+11 52.0	2	0.56	0.5	2.8	2.58	0.08	0.19	5.83	0.06	0.19		3.25	0.10		3	3	+10251
+10252	12 19 41	+5 7.9	1	0.31	0.2	5.3	1.73	0.04	1.41	4.95	0.04	1.25		3.22	0.06		5	5	+10252
+10253	12 21 37	+6 14.5	2	0.19	0.5	0.6	2.31	0.08	0.09	5.45	0.06	1.97		3.14	0.10		3	3	+10253
+10254	12 28 48	+7 52.6	2	0.25	0.3	3.0	2.54	0.07	2.75	4.93	0.04	3.12		2.39	0.08		4	4	+10254
+10255	12 30 36	+7 31.1	2	2.19	0.5	1.6	2.61	0.08	1.25	6.24	0.05	2.66		3.63	0.09		5	5	+10255
+10256	12 35 56	+7 15.4	2	1.75	0.3	0.5	2.24	0.07	1.37	5.77	0.06	24.00		3.53	0.09	I	4	3	+10256
+10257	12 36 22	+14 4.6	1	6.56	0.2	11.8	2.62	0.06	2.41	5.97	-	-	Q	3.35	-		7	5	+10257
+10258	12 40 44	+10 22.6	2	1.87	0.3	0.6	2.90	0.09	0.56	5.74	0.06	0.47		2.84	0.11		3	3	+10258
+10259	12 53 1	+11 45.9	2	1.12	0.3	0.9	1.84	0.06	2.16	4.79	0.05	1.59		2.95	0.08		3	3	+10259
+10260	12 56 16	+8 28.7	2	0.37	0.5	0.2	2.73	0.09	0.19	6.01	0.06	2.25		3.28	0.11		3	3	+10260
+10261	12 59 41	+11 13.5	1	1.31	0.3	0.4	0.75	0.05	0.47	*	-	-		-	-		3	0*	+10261
+10262	13 0 5	+5 27.1	1	2.25	0.3	0.2	-0.97	0.05	3.37	3.41	0.06	0.47		4.38	0.08		3	3	+10262
+10263	13 0 53	+5 10.4	2	0.56	0.3	2.8	2.51	0.07	0.28	5.76	0.06	0.66		3.25	0.09		3	3	+10263
+10264	13 1 23	+7 19.6	1	3.56	0.3	0.6	1.75	0.05	0.75	5.27	0.05	5.16		3.52	0.07	I	3	3	+10264
+10265	13 1 32	+11 29.7	2	2.06	0.3	0.2	1.71	0.06	0.37	4.86	0.05	1.12		3.15	0.08		3	3	+10265
+10266	13 10 3	+11 49.4	1	10.31	0.3	1.7	1.92	0.05	0.09	4.47	0.08	0.28		2.55	0.09		3	3	+10266
+10267	13 12 0	+11 35.6	1	1.31	0.3	0.2	1.96	0.05	0.09	4.37	0.08	0.37		2.41	0.09		3	3	+10267
+10268	13 13 52	+6 45.8	2	2.81	0.3	1.9	1.45	0.04	5.16	4.66	0.06	5.91		3.21	0.07	K,I	3	3	+10268
+10269	13 14 46	+13 56.0	1	4.12	0.3	3.0	2.36	0.05	3.56	4.41	0.06	0.31		2.05	0.08		6	5	+10269
+10270	13 15 2	+5 43.9	1	3.19	0.3	1.9	0.54	0.05	1.22	3.04	0.05	0.28		2.50	0.07		3	3	+10270
+10271	13 16 8	+13 10.6	2	0.25	0.3	0.2	2.63	0.06	2.75	5.76	0.05	3.50		3.13	0.08		4	4	+10271
+10272	13 27 30	+7 26.2	2	9.06	0.3	2.2	2.83	0.08	2.19	5.02	0.04	2.00		2.19	0.09		5	4	+10272
+10273	13 33 20	+8 32.9	1	2.00	0.3	0.7	1.15	0.04	3.00	4.30	0.07	0.37		3.15	0.08		4	4	+10273
+10274	13 35 28	+13 42.0	1	0.94	0.2	2.2	1.46	0.04	0.31	4.96	0.04	1.87		3.50	0.06		5	4	+10274
+10275	13 54 28	+6 49.1	1	1.31	0.3	0.4	2.26	0.05	1.41	5.55	0.06	1.03		3.29	0.08		3	3	+10275
+10276	13 55 31	+7 42.6	1	2.19	0.3	1.6	2.26	0.05	0.78	5.18	0.04	0.94		2.92	0.06		5	5	+10276
+10277	13 56 17	+14 53.5	2	2.50	0.3	8.2	2.79	0.08	1.87	4.97	-	-	Q	2.18	-		4	4	+10277
+10278	14 12 24	+10 19.6	1	4.12	0.3	1.1	2.97	0.07	1.87	4.71	0.04	5.47		1.74	0.08		6	5	+10278
+10279	14 15 43	+13 23.9	2	1.31	0.3	0.2	2.53	0.08	0.56	6.01	0.06	0.84		3.48	0.10		3	3	+10279
+10280	14 26 0	+5 54.1	2	0.19	0.3	1.3	2.77	0.11	0.09	5.66	0.07	0.28		2.89	0.13		3	3	+10280
+10281	14 39 10	+8 22.5	1	2.50	0.3	1.0	2.56	0.06	1.25	4.16	0.06	0.25		1.60	0.08		4	4	+10281
+10282	14 44 15	+7 29.1	1	1.87	0.3	3.4	2.20	0.05	0.37	5.10	0.04	4.12		2.90	0.06		6	6	+10282
+10283	14 44 37	+5 6.0	2	0.37	0.3	0.9	2.22	0.06	0.28	5.89	0.07	0.06		3.67	0.09		3	2	+10283
+10284	14 48 37	+12 22.4	2	1.75	0.3	0.7	2.75	0.07	2.50	5.68	0.06	1.22		2.93	0.09		4	3	+10284
+10285	14 52 55	+6 59.4	2	0.75	0.3	0.2	2.75	0.08	0.09	5.37	0.06	1.59		2.62	0.10		3	3	+10285
+10286	15 8 8	+11 51.5	1	3.44	0.3	0.6	2.40	0.05	0.63	5.20	0.04	3.28		2.80	0.06		5	5	+10286
+10287	15 9 47	+14 34.4	1	9.75	0.3	6.0	2.89	0.08	0.87	6.37	0.06	4.50		3.48	0.10		4	4	+10287
+10288	15 12 42	+5 7.1	2	0.25	0.3	0.7	2.66	0.07	0.63	4.59	0.06	0.47		1.93	0.09		4	3	+10288
+10289	15 17 47	+14 44.4	2	8.75	0.5	1.2	2.84	0.08	0.25	5.81	0.05	2.87		2.97	0.09		4	4	+10289
+10290	15 19 20	+14 29.2	1	3.25	0.3	0.5	1.53	0.04	18.13	6.59	0.07	32.00		5.06	0.08	K,I	4	4.	+10290
+10291	15 24 5	+10 12.5	2	0.75	0.5	1.9	2.81	0.09	0.94	5.59	0.06	7.59		2.78	0.11	I	3	3	+10291
+10292	15 36 47	+10 44.1	1	1.31	0.3	1.7	2.83	0.06	2.62	7.21	0.21	-		4.38	0.22		7	1	+10292
+10293	15 41 46	+8 17.4	2	0.19	0.5	4.5	2.90	0.07	0.09	6.56	0.13	-		3.66	0.15		3	1	+10293
+10294	15 41 48	+6 35.1	1	0.25	0.3	4.8	0.06	0.05	0.87	*	-	-		-	-		4	0*	+10294
+10295	15 44 1	+7 29.7	2	0.75	0.5	1.7	2.96	0.08	1.00	4.07	0.06	1.12		1.11	0.10		4	4	+10295
+10296	15 45 52	+13 57.1	2	2.50	0.5	1.0	2.79	0.09	0.37	5.05	0.04	0.63		2.26	0.10		4	4	+10296
+10297	15 46 19	+5 33.4	2	0.94	0.3	0.7	1.99	0.05	0.09	5.48	0.06	0.09		3.49	0.08		3	3	+10297
+10298	15 52 18	+5 44.1	2	1.87	0.3	0.4	2.80	0.09	0.84	6.21	0.07	0.19		3.41	0.11		3	3	+10298
+10299	15 54 55	+14 33.3	2	0.25	0.5	0.1	2.78	0.09	0.25	4.77	0.06	0.56		1.99	0.11		2	2	+10299
+10300	16 1 40	+10 8.0	2	1.12	0.7	0.2	2.78	0.10	0.12	5.92	0.07	0.50		3.14	0.12		2	2	+10300

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+10251	1 0 0 1 0 0 1 0 0 0	8.60	MB				+12	2448		-3	-0.6	+10251
+10252	1 1 0 1 0 0 2 0 0 0	8.30	MB				+05	2620		-1	-0.1	+10252
+10253	1 0 0 1 0 0 1 0 0 0	8.00	M3			16907	+06	2606		-2	-0.4	+10253
+10254	1 0 0 1 0 0 2 0 0 0	6.05	K5		4770	17063	+08	2609		-1	-0.2	+10254
+10255	1 0 0 2 0 0 2 0 0 0	9.20	MC				+08	2614	CI VIR	0	-0.4	+10255
+10256	1 1 0 1 0 0 1 0 0 0	6.20	M4	G	4808	17212	+07	2561	R VIR	-2	-0.4	+10256
+10257	1 1 0 2 0 0 3 0 0 0	7.34	K0			17215	+14	2525		1	-0.1	+10257
+10258	1 0 0 1 0 0 1 0 0 0	8.00	M0			17302	+10	2461		0	0.1	+10258
+10259	1 0 0 1 0 0 1 0 0 0	6.95	M3			17541	+12	2529		0	-0.2	+10259
+10260	1 0 0 1 0 0 1 0 0 0	8.40	MA				+09	2700	CN VIR	-1	0.0	+10260
+10261	1 0 0 1 0 0 1 0 0 0	2.84	G9	II	4932	17687	+11	2529		0	-0.1	+10261
+10262	0 1 0 1 0 0 1 0 0 0	8.20	MAP				+05	2708	RT VIR	-2	-0.1	+10262
+10263	0 1 0 1 0 0 1 0 0 0	8.80	MA				+05	2709		-3	-0.2	+10263
+10264	0 1 0 1 0 0 1 0 0 0	8.90	M8				+07	2608	CO VIR	-2	-0.5	+10264
+10265	1 0 0 1 0 0 1 0 0 0	7.90	M3			17717	+12	2545		3	-0.2	+10265
+10266	1 0 0 1 0 0 1 0 0 0	5.66	K5		4986	17884	+12	2565		-1	0.1	+10266
+10267	1 0 0 1 0 0 1 0 0 0	5.67	M0	III	4998	17933	+12	2572		-2	-0.2	+10267
+10268	0 1 0 1 0 0 1 0 0 0	7.22	M3			17962	+07	2627		-2	-0.4	+10268
+10269	1 1 0 1 0 0 3 0 0 0	5.42	K3	III	5013	17988	+14	2591		-2	-0.3	+10269
+10270	0 1 0 1 0 0 1 0 0 0	4.79	M2	G	5015	17995	+06	2722		-3	-0.1	+10270
+10271	1 1 0 1 0 0 1 0 0 0	8.40	MA				+13	2655		0	0.2	+10271
+10272	0 1 0 2 0 0 1 1 0 0	6.17	K5		5086	18249	+07	2655		0	0.1	+10272
+10273	0 1 0 1 0 0 1 1 0 0	7.12	M3			18377	+09	2785		-3	0.0	+10273
+10274	0 1 0 1 0 0 3 0 0 0	8.20	MB				+14	2643		1	-0.1	+10274
+10275	0 1 0 1 0 0 1 0 0 0	8.80	MB				+07	2720	CP VIR	-2	0.0	+10275
+10276	0 1 0 1 0 0 1 2 0 0	8.10	MA				+08	2794		-2	0.2	+10276
+10277	1 1 0 1 0 0 1 0 0 0	6.01	K5	G	5254	18899	+15	2651		2	-0.1	+10277
+10278	2 0 0 1 0 0 1 2 0 0	5.24	K0	III	5330	19226	+10	2654		0	-0.5	+10278
+10279	0 1 0 1 0 0 1 0 0 0	9.00	M5				+13	2776		2	0.0	+10279
+10280	0 2 0 1 0 0 0 0 0 0	7.50	M0			19512	+06	2891		1	-0.1	+10280
+10281	0 1 0 1 0 0 0 2 0 0	4.85	G8	III	5480	19789	+08	2903		-2	0.0	+10281
+10282	0 1 0 2 0 0 1 2 0 0	8.10	MB				+07	2841		-2	-0.3	+10282
+10283	0 1 0 1 1 0 0 0 0 0	9.00	MB				+05	2920	BG VIR	3	0.4	+10283
+10284	0 1 0 1 0 0 2 0 0 0	8.30	MA				+12	2753		-2	0.2	+10284
+10285	0 1 0 1 1 0 0 0 0 0	6.87	K5			20072	+07	2865		0	0.2	+10285
+10286	1 1 0 1 0 0 2 0 0 0	7.09	M0			20402	+12	2796		0	-0.2	+10286
+10287	0 1 0 1 1 0 1 0 0 0	8.90	MB				+14	2845		1	0.6	+10287
+10288	0 2 0 1 1 0 0 0 0 0	5.31	K0	G	5675	20501	+05	2985		0	-0.3	+10288
+10289	0 1 0 1 1 0 1 0 0 0	8.10	MA				+15	2845		1	-0.1	+10289
+10290	0 1 0 1 1 0 1 0 0 0	7.60	M5E			20660	+14	2864	S SER	0	-0.3	+10290
+10291	0 1 0 1 0 0 0 1 0 0	7.06	M0			20757	+10	2853		-2	-0.1	+10291
+10292	0 2 0 1 0 0 2 2 0 0											+10292
+10293	0 1 0 1 0 0 0 1 0 0	8.90	M2				+08	3075		0	-0.5	+10293
+10294	0 1 0 1 2 0 0 0 0 0	2.65	K2	III	5854	21158	+06	3088		0	0.2	+10294
+10295	0 1 0 1 1 0 0 1 0 0	4.43	G0	V	5868	21201	+07	3023		0	-0.8	+10295
+10296	0 1 0 0 1 0 2 0 0 0	5.98	K2	G	5874	21245	+14	2940		-2	0.6	+10296
+10297	0 1 0 1 1 0 0 0 0 0	8.80	MB				+05	3088		0	0.0	+10297
+10298	0 1 0 1 1 0 0 0 0 0	8.90	M5				+06	3118		0	0.1	+10298
+10299	0 1 0 0 1 0 0 0 0 0	5.54	K1	IV	5940	21428	+14	2969		-2	-0.1	+10299
+10300	0 1 0 0 0 0 0 1 0 0	8.60	MA				+10	2949		0	0.1	+10300

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+10301	16	2	12	+10	45.0	1	7.19	0.3	3.1	2.84	0.07	2.19	7.11	0.11	0.84		4.27	0.13		5	3	+10301
+10302	16	6	7	+8	40.0	1	3.00	0.2	0.2	0.51	0.46	0.37	3.68	-	-	Q	3.17	-		4	3	+10302
+10303	16	6	10	+8	44.8	1	1.50	0.2	0.2	0.60	0.30	0.12	3.76	-	-	Q	3.16	-		4	3	+10303
+10304	16	10	46	+5	8.7	2	4.37	0.3	0.3	2.03	0.05	1.09	4.34	0.06	2.03		2.31	0.08		5	5	+10304
+10305	16	24	22	+11	5.9	1	2.00	0.3	1.7	1.92	0.05	0.12	4.72	0.05	4.87		2.80	0.07		4	4	+10305
+10306	16	27	0	+10	37.8	2	1.25	0.3	1.6	2.80	0.07	1.09	6.41	-	-	Q	3.61	-		5	5	+10306
+10307	16	30	16	+11	35.5	1	0.50	0.3	0.2	1.17	0.04	0.37	3.52	0.05	0.37		2.35	0.06		4	4	+10307
+10308	16	34	13	+5	6.9	2	2.81	0.3	0.2	2.20	0.07	1.03	5.51	0.06	0.28		3.31	0.09		3	3	+10308
+10309	16	36	37	+14	9.9	2	4.87	0.3	0.2	2.15	0.06	14.16	7.01	0.11	24.00		4.86	0.13	K,I	3	3	+10309
+10310	16	43	14	+12	13.6	1	8.75	0.2	2.2	1.78	0.04	3.94	6.21	0.05	48.00		4.43	0.06	I	7	6	+10310
+10311	16	43	26	+8	40.0	2	1.87	0.3	0.2	1.40	0.05	1.03	3.75	0.06	0.09		2.35	0.08		3	3	+10311
+10312	16	48	43	+9	57.9	1	2.50	0.3	1.2	2.19	0.05	0.87	5.12	0.05	0.19		2.93	0.07		4	3	+10312
+10313	16	48	44	+10	25.9	2	6.75	0.3	1.1	2.81	0.09	0.37	8.03	0.16	6.19		5.22	0.18		6	6	+10313
+10314	16	50	22	+5	28.9	2	0.63	0.3	1.5	2.66	0.09	0.87	7.15	0.14	12.69		4.49	0.17	I	2	2	+10314
+10315	16	55	19	+9	26.9	1	2.19	0.2	4.4	0.68	0.04	2.81	2.28	0.08	0.06		1.60	0.09		5	2*	+10315
+10316	16	56	46	+11	35.3	1	3.75	0.3	0.5	2.94	0.08	0.50	5.98	0.06	1.62		3.04	0.10		4	4	+10316
+10317	16	59	20	+6	41.5	2	0.56	0.7	0.2	2.96	0.10	0.56	6.36	0.08	0.66		3.40	0.13		3	3	+10317
+10318	17	0	51	+14	9.7	1	3.94	0.3	1.1	0.52	0.06	2.53	3.03	0.06	0.37		2.51	0.08		3	3	+10318
+10319	17	3	50	+9	48.0	1	5.00	0.3	0.2	2.93	0.08	0.25	5.26	0.05	1.12		2.33	0.09		4	4	+10319
+10320	17	10	7	+10	38.8	2	1.56	0.3	4.7	1.09	0.04	0.94	3.65	0.05	0.31		2.56	0.06		5	5	+10320
+10321	17	11	17	+5	53.0	2	4.50	0.3	7.3	2.88	0.10	0.25	6.17	0.06	3.25		3.29	0.12		4	4	+10321
+10322	17	11	56	+8	59.3	1	4.69	0.2	4.4	1.22	0.03	40.00	7.53	0.13	32.00		6.31	0.13	K,I	5	4	+10322
+10323	17	12	19	+11	7.6	1	0.25	0.3	0.5	0.65	0.04	10.12	4.88	0.05	7.25		4.23	0.06	K,I	4	4	+10323
+10324	17	12	22	+14	26.6	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	+10324
+10325	17	16	16	+10	55.0	1	1.50	0.3	0.4	1.40	0.05	0.19	3.75	0.05	2.66		2.35	0.07		6	5	+10325
+10326	17	21	34	+8	54.5	2	1.75	0.5	1.7	2.92	0.08	0.25	4.88	0.05	3.37		1.96	0.09		4	4	+10326
+10327	17	22	54	+8	57.9	1	1.00	0.3	1.0	2.91	0.07	0.37	5.43	0.05	0.63		2.52	0.09		4	4	+10327
+10328	17	25	20	+8	28.7	1	0.25	0.3	3.3	1.18	0.04	0.63	4.16	0.07	0.37		2.98	0.08		4	4	+10328
+10329	17	25	40	+5	5.6	3	-	0.7	-	2.81	0.16	-	7.63	0.28	-		4.82	0.32		1	1	+10329
+10330	17	31	25	+14	52.5	2	3.44	0.3	0.9	0.93	0.08	0.16	3.95	0.05	5.62		3.02	0.09		5	5	+10330
+10331	17	32	39	+12	35.6	1	4.69	0.2	2.2	1.66	0.04	1.87	*	-	-		-	-		5	0*	+10331
+10332	17	33	3	+5	3.3	2	0.12	0.5	0.1	2.78	0.10	0.06	5.87	0.07	0.63		3.09	0.12		2	2	+10332
+10333	17	33	32	+12	4.5	1	7.81	0.2	2.2	2.66	0.06	2.97	5.30	0.04	1.25		2.64	0.07		5	5	+10333
+10334	17	34	23	+11	52.8	2	0.75	0.5	0.5	2.84	0.10	0.63	6.38	0.07	1.78		3.54	0.12		4	3	+10334
+10335	17	36	0	+14	21.2	2	3.37	0.3	3.0	2.82	0.09	3.19	6.16	0.06	0.94		3.34	0.11		3	3	+10335
+10336	17	45	28	+6	25.6	2	0.12	0.3	0.2	2.12	0.07	0.06	5.24	0.07	0.06		3.12	0.10		2	2	+10336
+10337	17	49	56	+6	46.9	2	0.12	0.3	0.1	1.99	0.07	0.06	5.23	0.09	-		3.24	0.11		2	1	+10337
+10338	17	50	53	+10	45.6	1	3.00	0.3	2.6	2.77	0.06	1.12	6.82	0.14	-		4.05	0.15		6	1	+10338
+10339	17	53	56	+11	34.9	2	4.75	0.3	3.8	2.12	0.05	1.50	5.55	0.13	-		3.43	0.14		4	1	+10339
+10340	17	53	58	+10	37.6	1	4.69	0.2	1.9	1.24	0.04	5.62	6.14	0.06	2.66		4.90	0.07		5	5	+10340
+10341	17	54	1	+11	22.2	2	0.56	0.5	0.6	2.83	0.09	0.09	6.81	-	-	Q	3.98	-		3	2	+10341
+10342	17	54	11	+11	10.5	2	3.75	0.3	0.2	1.50	0.04	3.00	6.64	-	-	Q	5.14	-		4	4	+10342
+10343	17	57	33	+12	49.0	1	0.94	0.3	0.6	2.79	0.06	1.25	6.01	0.05	1.09		3.22	0.08		5	5	+10343
+10344	17	57	38	+6	8.5	2	0.12	0.5	0.1	3.12	0.13	3.00	6.93	0.12	0.37		3.81	0.18	K	2	2	+10344
+10345	17	58	2	+5	36.5	2	1.12	0.8	1.2	2.71	0.11	1.44	7.15	0.14	2.25		4.44	0.18		2	2	+10345
+10346	17	59	28	+8	26.6	1	1.75	0.3	0.7	2.11	0.04	3.25	6.29	0.06	4.12		4.18	0.07		4	4	+10346
+10347	18	0	55	+11	54.4	2	1.25	0.5	0.9	2.64	0.07	0.63	6.09	0.05	0.47		3.45	0.09		5	5	+10347
+10348	18	4	46	+8	22.5	2	1.50	0.3	1.5	2.48	0.06	0.87	7.31	0.10	0.63		4.83	0.12		4	4	+10348
+10349	18	4	55	+6	32.0	2	0.12	0.3	2.0	1.31	0.06	0.50	4.63	0.06	0.31		3.32	0.08		2	2	+10349
+10350	18	4	56	+8	43.5	1	3.75	0.3	0.5	2.43	0.05	1.37	3.99	0.06	0.50		1.56	0.08		4	4	+10350

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+10301	0 1 0 1 1 0 1 1 0 0											+10301
+10302	0 2 0 1 0 0 0 1 0 0	5.69	M3	G	6010	21702	+08	3141		4	0.1	+10302
+10303	0 2 0 1 0 0 0 1 0 0	6.72	M3			21706	+09	3153		-3	0.1	+10303
+10304	0 2 0 1 2 0 0 0 0 0	5.48	K5	G	6047	21815	+05	3165		-2	-0.1	+10304
+10305	0 1 0 1 1 0 1 0 0 0	7.04	M0			22125	+11	2987		0	-0.3	+10305
+10306	0 1 0 1 1 0 1 1 0 0											+10306
+10307	0 1 0 1 1 0 1 0 0 0	4.85	K4	III	6159	22250	+11	3008		0	-0.1	+10307
+10308	0 1 0 1 1 0 0 0 0 0	8.20	K0				+05	3234		-2	-0.2	+10308
+10309	0 2 0 0 1 0 0 0 0 0								AS HER	1	-0.2	+10309
+10310	0 3 0 2 1 0 1 0 0 0								UV HER	0	0.0	+10310
+10311	0 1 0 1 0 0 0 1 0 0	5.15	K5	III	6228	22560	+08	3271		0	-0.3	+10311
+10312	0 1 0 1 0 0 0 2 0 0	7.90	MA				+10	3083		3	0.1	+10312
+10313	0 1 0 1 2 0 1 1 0 0											+10313
+10314	0 1 0 0 1 0 0 0 0 0								RX OPH	1	-0.5	+10314
+10315	0 1 0 2 1 0 0 1 0 0	3.19	K2	III	6299	22862	+09	3298	CHI OPH	0	-0.2	+10315
+10316	0 1 0 1 1 0 1 0 0 0	8.50	MA				+11	3083		1	0.0	+10316
+10317	0 1 0 1 1 0 0 0 0 0	8.70	MA				+06	3336		0	0.6	+10317
+10318	0 2 0 0 1 0 0 0 0 0	4.98	M3	III	6337	23002	+14	3179		0	0.0	+10318
+10319	0 1 0 1 1 0 0 1 0 0	6.37	K5		6358	23080	+09	3322		3	0.0	+10319
+10320	0 1 0 1 1 0 1 1 0 0	5.33	M2	G	6393	23220	+10	3165		1	0.1	+10320
+10321	0 3 0 0 1 0 0 0 0 0	8.50	K5				+05	3352		0	0.9	+10321
+10322	0 2 0 1 1 0 0 1 0 0											+10322
+10323	0 1 0 1 1 0 1 0 0 0	9.10	M8				+11	3139	V438 OPH	0	0.1	+10323
+10324	0 2 0 0 1 0 0 0 0 0	3.06	M5	II	6406	23277	+14	3207	ALF HER	-1	-0.1	+10324
+10325	0 1 0 1 2 0 1 1 0 0	5.03	K4	II	6433	23382	+11	3156		0	0.0	+10325
+10326	0 1 0 1 1 0 0 1 0 0	5.77	K1	G	6476	23527	+08	3405		-1	0.6	+10326
+10327	0 1 0 1 1 0 0 1 0 0	6.86	K5			23577	+09	3388		-2	-0.2	+10327
+10328	0 1 0 1 1 0 0 1 0 0	6.63	M0			23655	+08	3418		0	-0.2	+10328
+10329	0 0 0 0 1 0 0 0 0 0											+10329
+10330	1 3 0 0 1 0 0 0 0 0	6.42	M4	G	6543	23805	+14	3279		-2	-0.1	+10330
+10331	0 2 0 1 1 0 1 0 0 0	2.08	A5	III	6556	23837	+12	3252		2	-0.1	+10331
+10332	0 1 0 0 1 0 0 0 0 0	7.50	MA				+05	3428		-2	0.4	+10332
+10333	0 2 0 1 1 0 1 0 0 0	7.04	K5			23853	+12	3256		1	-0.4	+10333
+10334	0 2 0 0 1 0 1 0 0 0	9.00	M5				+11	3209		-1	0.3	+10334
+10335	0 2 0 0 1 0 0 0 0 0	8.90					+14	3294		0	0.3	+10335
+10336	0 1 0 0 1 0 0 0 0 0	7.60	MA				+06	3532		1	0.5	+10336
+10337	0 1 0 0 1 0 0 0 0 0	8.40	MA				+06	3562		1	0.1	+10337
+10338	0 1 0 0 4 0 0 1 0 0											+10338
+10339	0 2 0 0 2 0 0 0 0 0	8.70					+11	3292		0	-0.2	+10339
+10340	0 1 0 0 3 0 0 1 0 0											+10340
+10341	0 1 0 0 2 0 0 0 0 0											+10341
+10342	0 1 0 0 3 0 0 0 0 0								RT OPH	-1	-0.1	+10342
+10343	0 2 0 0 2 0 1 0 0 0	8.50					+12	3354		-2	0.0	+10343
+10344	0 1 0 0 1 0 0 0 0 0											+10344
+10345	0 1 0 0 1 0 0 0 0 0								V569 OPH	1	-0.3	+10345
+10346	0 1 0 0 2 0 0 1 0 0											+10346
+10347	0 2 0 0 3 0 0 0 0 0											+10347
+10348	0 1 0 0 2 0 0 1 0 0								V873 OPH	-2	-2.4	+10348
+10349	0 1 0 0 1 0 0 0 0 0	8.40	MB				+06	3627		-2	-0.1	+10349
+10350	0 1 0 0 2 0 0 1 0 0	4.63	G8	III	6770	24693	+08	3582		1	-0.1	+10350

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+10351	18 6 8	+5 16.9	2	1.25	0.3	0.1	1.77	0.06	0.06	6.07	0.08	0.06		4.30	0.10		2	2	+10351
+10352	18 11 16	+12 26.7	1	3.44	0.2	3.8	1.65	0.04	2.03	5.87	0.05	2.19		4.22	0.06		5	5	+10352
+10353	18 11 37	+5 20.1	2	0.25	0.3	0.1	2.01	0.08	0.06	5.74	0.07	0.37		3.73	0.11		2	2	+10353
+10354	18 15 40	+6 55.1	2	0.12	0.3	0.2	2.45	0.08	0.31	6.60	0.11	16.00		4.15	0.14	I	2	2	+10354
+10355	18 16 44	+7 14.1	2	0.75	0.5	0.1	2.82	0.10	0.06	4.64	0.06	0.12		1.82	0.12		2	2	+10355
+10356	18 18 23	+5 54.8	2	0.19	0.3	1.5	1.77	0.07	0.66	5.66	-	-	Q	3.89	-		3	2	+10356
+10357	18 24 45	+7 29.4	1	0.63	0.3	0.9	1.42	0.04	2.03	5.83	0.05	7.66		4.41	0.06		5	5	+10357
+10358	18 26 22	+6 15.9	2	0.12	0.3	0.1	2.81	0.10	1.62	7.64	0.21	2.56		4.83	0.23		2	2	+10358
+10359	18 26 50	+12 18.4	2	2.50	0.3	1.5	2.76	0.07	0.63	6.95	0.08	0.63		4.19	0.11		4	4	+10359
+10360	18 27 48	+6 16.0	2	0.50	0.3	0.7	2.80	0.10	0.37	7.56	0.20	0.63		4.76	0.22		2	2	+10360
+10361	18 28 29	+8 2.8	2	0.50	0.3	0.2	2.98	0.08	2.62	5.91	0.07	0.69		2.93	0.11		4	2	+10361
+10362	18 32 26	+7 2.0	2	0.19	0.3	0.9	2.61	0.12	2.81	6.10	0.11	0.31		3.49	0.16		3	2	+10362
+10363	18 32 58	+6 25.1	2	0.12	0.3	0.2	2.27	0.07	0.06	6.68	0.11	0.31		4.41	0.13		2	2	+10363
+10364	18 33 36	+7 38.5	1	1.87	0.3	0.4	2.01	0.05	0.56	6.91	0.09	5.81		4.90	0.10	I	6	3	+10364
+10365	18 34 59	+10 23.0	1	10.06	0.2	3.5	0.77	0.05	16.41	6.85	0.08	56.00		6.08	0.09	K,I	7	7	+10365
+10366	18 35 56	+8 47.4	1	3.12	0.2	4.4	-0.90	0.04	5.78	4.06	0.07	7.75		4.96	0.08	I	5	4	+10366
+10367	18 37 10	+11 48.1	1	1.50	0.2	4.1	1.72	0.05	4.12	5.88	0.05	9.56		4.16	0.07	I	6	6	+10367
+10368	18 37 34	+9 55.5	1	16.00	0.3	0.5	0.77	0.03	3.50	4.23	0.07	1.50		3.46	0.08		4	4	+10368
+10369	18 39 18	+6 23.2	2	0.12	0.5	0.1	2.06	0.07	0.06	6.33	0.09	3.00		4.27	0.11	I	2	2	+10369
+10370	18 39 33	+6 46.5	2	0.12	0.3	0.2	2.82	0.11	0.12	6.13	0.08	1.37		3.31	0.14		2	2	+10370
+10371	18 40 10	+13 58.0	1	0.19	0.3	0.7	2.44	0.06	3.19	6.86	0.09	4.22		4.42	0.11		3	3	+10371
+10372	18 40 40	+6 43.6	2	0.12	0.5	0.2	2.72	0.09	0.37	6.21	0.09	0.44		3.49	0.13		2	2	+10372
+10373	18 40 50	+12 20.6	2	0.25	0.3	3.3	2.51	0.07	1.75	8.48	0.29	3.84		5.97	0.30		4	3	+10373
+10374	18 41 17	+13 54.5	2	1.25	0.3	5.3	2.30	0.05	32.00	7.57	0.14	11.53		5.27	0.15	K,I	4	3	+10374
+10375	18 41 32	+10 51.5	2	3.06	0.3	5.3	2.24	0.06	0.66	4.94	0.04	1.31		2.70	0.07		7	7	+10375
+10376	18 42 50	+12 53.4	2	4.00	0.3	2.5	2.98	0.08	0.87	7.19	0.10	2.75		4.21	0.13		4	4	+10376
+10377	18 43 17	+8 41.1	1	3.00	0.3	2.0	1.64	0.05	3.37	5.54	0.06	1.69		3.90	0.08		4	3	+10377
+10378	18 44 31	+9 22.0	1	24.00	0.3	1.9	2.11	0.06	1.87	5.28	0.04	1.50		3.17	0.07		6	6	+10378
+10379	18 44 53	+5 24.1	2	0.12	0.3	0.1	1.99	0.07	0.06	6.59	0.10	0.06		4.60	0.12		2	2	+10379
+10380	18 46 58	+8 32.5	1	0.19	0.3	1.7	2.03	0.05	1.03	6.07	0.06	0.56		4.04	0.08		3	3	+10380
+10381	18 48 26	+10 54.5	1	6.56	0.3	20.0	2.98	0.08	1.41	5.26	0.08	0.06		2.28	0.11		5	2	+10381
+10382	18 49 50	+14 2.8	2	0.19	0.3	0.2	2.61	0.07	0.84	6.09	-	-	Q	3.48	-		3	3	+10382
+10383	18 51 4	+9 35.8	1	20.00	0.3	1.2	1.85	0.04	3.59	5.04	0.04	1.50		3.19	0.06		5	4	+10383
+10384	18 52 5	+10 34.4	1	6.00	0.2	2.6	0.81	0.03	4.12	4.28	0.06	0.78		3.47	0.07		6	5	+10384
+10385	18 52 34	+8 11.4	1	3.00	0.3	2.3	2.56	0.06	1.00	7.83	0.17	0.37		5.27	0.18		4	4	+10385
+10386	18 53 2	+6 33.3	2	0.12	0.5	0.1	3.12	0.13	3.69	4.79	0.06	0.44		1.67	0.14	K	2	2	+10386
+10387	18 54 51	+6 38.3	2	0.12	0.5	0.1	2.25	0.08	0.25	6.17	0.08	0.06		3.92	0.11		2	2	+10387
+10388	18 56 7	+12 54.8	2	0.37	0.5	2.6	2.78	0.08	1.50	7.60	0.15	0.09		4.82	0.17		3	3	+10388
+10389	18 56 14	+14 17.5	1	0.25	0.3	0.7	1.73	0.04	9.87	5.94	0.05	16.25		4.21	0.06	K,I	4	4	+10389
+10390	18 56 46	+10 19.4	2	0.25	0.5	1.2	3.27	0.09	7.00	7.73	0.19	15.87		4.46	0.21	K,I	4	2	+10390
+10391	18 56 59	+5 18.5	2	0.75	0.3	0.7	1.97	0.06	0.09	6.62	0.08	1.03		4.65	0.10		3	3	+10391
+10392	18 57 19	+14 59.9	2	4.75	0.3	1.0	1.50	0.06	0.63	3.22	0.06	0.56		1.72	0.08		4	3	+10392
+10393	18 57 47	+9 45.5	2	2.25	0.3	0.5	2.38	0.05	1.00	6.75	0.08	0.47		4.37	0.09		4	3	+10393
+10394	18 58 37	+12 39.6	2	1.31	0.3	3.9	2.86	0.08	0.37	6.76	0.09	0.19		3.90	0.12		3	3	+10394
+10395	18 58 59	+8 15.1	2	0.37	0.3	2.3	2.47	0.06	0.09	7.18	0.11	3.00		4.71	0.13		3	3	+10395
+10396	18 59 23	+7 44.6	2	0.25	0.3	1.2	2.72	0.06	1.12	6.04	0.06	1.00		3.32	0.08		4	4	+10396
+10397	18 59 50	+10 10.0	1	0.94	0.2	2.5	2.16	0.04	0.94	6.78	0.07	0.63		4.62	0.08		5	4	+10397
+10398	18 59 59	+8 16.1	2	0.19	1.3	0.2	2.75	0.17	0.37	-	-	-		-	-		3	0	+10398
+10399	19 0 15	+8 23.1	2	0.75	0.7	0.2	1.62	0.10	0.37	4.76	0.30	0.37		3.14	0.32		3	2	+10399
+10400	19 0 50	+12 10.2	2	2.00	0.3	0.5	1.92	0.06	3.50	5.45	0.06	2.12		3.53	0.08		4	4	+10400

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+10351	0 1 0 0 1 0 0 0 0 0	8.60	G5				+05	3615	AV OPH	0	0.9	+10351
+10352	0 2 0 0 3 0 0 0 0 0								V454 OPH	1	-0.2	+10352
+10353	0 1 0 0 1 0 0 0 0 0											+10353
+10354	0 1 0 0 1 0 0 0 0 0								BC OPH	-2	0.1	+10354
+10355	0 1 0 0 1 0 0 0 0 0	5.39	K2	G	6857	24995	+07	3629		0	-0.2	+10355
+10356	0 2 0 0 1 0 0 0 0 0	8.80	M5				+05	3700		1	0.0	+10356
+10357	0 1 0 0 3 0 0 1 0 0								V585 OPH	1	-0.2	+10357
+10358	0 1 0 0 1 0 0 0 0 0								T SER	0	0.0	+10358
+10359	0 2 0 0 2 0 0 0 0 0											+10359
+10360	0 1 0 0 1 0 0 0 0 0								BP SER	0	0.9	+10360
+10361	0 1 0 0 2 0 0 1 0 0	7.60	K5				+07	3724		-2	0.2	+10361
+10362	0 2 0 0 1 0 0 0 0 0								V851 OPH	0	0.4	+10362
+10363	0 1 0 0 1 0 0 0 0 0								V925 OPH	-2	-0.1	+10363
+10364	0 2 0 0 3 0 0 1 0 0								BK OPH	0	-0.2	+10364
+10365	0 1 0 0 5 0 0 1 0 0											+10365
+10366	0 2 0 0 2 0 0 1 0 0	6.40	K1	III	7002	25485	+08	3780	X OPH	-2	0.0	+10366
+10367	0 3 0 0 3 0 0 0 0 0	8.60	K2				+11	3548	V515 OPH	-8	-0.8	+10367
+10368	0 1 0 0 2 0 0 1 0 0	8.40	MB				+09	3809		-1	-0.1	+10368
+10369	0 1 0 0 1 0 0 0 0 0								WY OPH	2	0.9	+10369
+10370	0 1 0 0 1 0 0 0 0 0	9.10	NP				+06	3898	V679 OPH	1	0.3	+10370
+10371	0 2 0 0 1 0 0 0 0 0	8.60					+13	3709		3	-2.3	+10371
+10372	0 1 0 0 1 0 0 0 0 0	8.60	K2				+06	3905		0	0.1	+10372
+10373	0 2 0 0 2 0 0 0 0 0								KX HER	-6	0.0	+10373
+10374	0 2 0 0 2 0 0 0 0 0											+10374
+10375	0 1 0 0 5 0 0 1 0 0	6.84	K5			25629	+10	3633		1	0.5	+10375
+10376	0 2 0 0 2 0 0 0 0 0											+10376
+10377	0 1 0 0 2 0 0 1 0 0	9.00	M2				+08	3835	T AQL	-3	-0.3	+10377
+10378	0 2 0 0 2 0 0 2 0 0	8.50	MA				+09	3866		-2	0.2	+10378
+10379	0 1 0 0 1 0 0 0 0 0								DR SER	0	0.1	+10379
+10380	0 1 0 0 1 0 0 1 0 0								V477 AQL	-2	0.8	+10380
+10381	0 1 0 0 3 0 0 1 0 0	6.49	K5	III	7099	25851	+10	3685		1	-0.5	+10381
+10382	0 2 0 0 1 0 0 0 0 0								NN HER	-5	-0.2	+10382
+10383	0 2 0 0 2 0 0 1 0 0	8.30	MA				+09	3911		-3	0.0	+10383
+10384	0 1 0 0 4 0 0 1 0 0	8.20	MB				+10	3721	V913 AQL	-2	0.3	+10384
+10385	0 2 0 0 1 0 0 1 0 0											+10385
+10386	0 1 0 0 1 0 0 0 0 0	5.57	G9	G	7135	25964	+06	3978		1	0.2	+10386
+10387	0 1 0 0 1 0 0 0 0 0	9.00	A2				+06	3984	V840 AQL	-2	0.2	+10387
+10388	0 1 0 0 2 0 0 0 0 0								V490 AQL	-2	-0.3	+10388
+10389	0 2 0 0 2 0 0 0 0 0								UV AQL	-1	-0.2	+10389
+10390	0 1 0 0 2 0 0 1 0 0											+10390
+10391	0 1 0 0 2 0 0 0 0 0								V492 AQL	1	0.0	+10391
+10392	0 2 0 0 2 0 0 0 0 0	4.01	K2	III	7176	26091	+14	3736		-2	-0.1	+10392
+10393	0 1 0 0 2 0 0 1 0 0											+10393
+10394	0 1 0 0 2 0 0 0 0 0											+10394
+10395	0 1 0 0 1 0 0 1 0 0											+10395
+10396	0 1 0 0 2 0 0 1 0 0	8.60	K5				+07	3934		0	0.0	+10396
+10397	0 2 0 0 2 0 0 1 0 0											+10397
+10398	0 1 0 0 1 0 0 1 0 0	6.30	K2		7208	26179	+08	3951		1	-1.9	+10398
+10399	0 1 0 0 1 0 0 1 0 0	8.70	F8				+08	3953		-6	1.5	+10399
+10400	0 1 0 0 3 0 0 0 0 0	8.50	MB				+12	3780	V915 AQL	0	-0.4	+10400

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+10401	19	0	53	+7	26.0	2	0.50	0.5	2.5	2.89	0.08	32.00	10.73	-	-	Q	7.84	-	K	4	3	+10401
+10402	19	1	11	+8	17.6	2	0.19	0.3	0.4	2.66	0.07	0.66	6.82	0.10	0.19		4.16	0.12		3	3	+10402
+10403	19	1	43	+10	41.6	1	4.37	0.2	3.9	2.83	0.06	1.53	7.64	0.15	0.47		4.81	0.16		7	3	+10403
+10404	19	3	3	+13	46.4	2	3.25	0.3	4.8	2.94	0.08	2.25	3.19	0.05	0.12		0.25	0.09		4	4	+10404
+10405	19	3	28	+12	8.0	2	0.56	0.3	0.6	2.58	0.08	0.09	5.64	0.06	0.09		3.06	0.10		3	3	+10405
+10406	19	3	58	+8	9.1	1	1.12	0.3	0.6	-0.57	0.04	24.00	4.47	0.10	1.75		5.04	0.11	K	3	2	+10406
+10407	19	4	33	+7	4.6	2	0.25	0.3	1.5	0.71	0.06	0.56	4.75	0.08	-		4.04	0.10		2	1	+10407
+10408	19	5	32	+6	13.1	2	0.12	0.3	2.0	0.28	0.06	0.44	5.11	0.07	0.44		4.83	0.09		2	2	+10408
+10409	19	7	52	+10	58.1	2	0.19	0.3	5.8	2.59	0.07	0.56	8.11	0.22	0.09		5.52	0.23		3	3	+10409
+10410	19	8	38	+5	6.1	2	0.19	1.2	1.7	2.84	0.09	0.19	5.59	0.07	1.87		2.75	0.11		3	3	+10410
+10411	19	10	12	+6	48.0	2	0.12	0.5	0.1	2.78	0.11	0.37	6.38	0.09	0.25		3.60	0.14		2	2	+10411
+10412	19	12	0	+11	37.6	2	2.62	0.2	4.7	2.74	0.08	0.75	5.38	0.06	0.09		2.64	0.10		3	3	+10412
+10413	19	12	41	+14	34.4	2	1.87	0.3	0.6	2.59	0.07	1.03	5.95	0.06	1.31		3.36	0.09		3	3	+10413
+10414	19	14	38	+9	58.9	2	4.00	0.3	5.3	3.23	0.08	12.25	9.35	0.80	-		6.12	0.80	K	4	1	+10414
+10415	19	15	22	+12	3.8	2	1.12	0.3	0.6	1.79	0.06	0.56	6.56	0.08	0.47		4.77	0.10		3	3	+10415
+10416	19	17	58	+9	7.8	2	0.75	0.5	0.9	2.53	0.07	0.84	6.44	0.07	0.09		3.91	0.10		3	3	+10416
+10417	19	18	35	+5	1.4	2	0.75	0.5	0.4	2.93	0.11	0.06	5.70	0.07	0.12		2.77	0.13		2	2	+10417
+10418	19	18	50	+9	43.5	2	0.56	0.3	0.7	2.48	0.05	0.47	5.56	0.06	0.66		3.08	0.08		3	3	+10418
+10419	19	23	29	+8	6.4	2	0.12	0.5	0.2	2.80	0.10	0.25	6.88	0.12	0.12		4.08	0.16		2	2	+10419
+10420	19	24	26	+11	15.2	2	3.19	0.5	0.2	2.75	0.10	1.03	8.03	0.24	1.44		5.28	0.26		3	2	+10420
+10421	19	24	55	+11	23.7	2	1.50	0.3	5.0	2.93	0.09	6.00	7.73	0.17	0.50		4.80	0.19		4	2	+10421
+10422	19	25	47	+11	40.8	2	1.50	0.3	0.2	2.22	0.07	0.09	5.81	0.06	0.37		3.59	0.09		3	3	+10422
+10423	19	25	47	+5	25.9	2	0.37	0.5	0.5	2.89	0.09	0.06	6.33	0.09	0.06		3.44	0.13		2	2	+10423
+10424	19	26	4	+9	31.5	2	0.56	0.3	1.9	2.85	0.07	2.91	5.88	0.06	0.09		3.03	0.09		3	3	+10424
+10425	19	26	43	+10	31.6	1	3.12	0.3	0.6	2.90	0.06	0.31	6.10	0.05	0.63		3.20	0.08		5	5	+10425
+10426	19	30	1	+9	54.3	2	12.00	0.3	0.2	2.67	0.07	1.12	6.20	0.08	0.12		3.53	0.11		3	2	+10426
+10427	19	30	56	+6	9.4	2	0.12	0.3	0.2	1.88	0.06	1.44	6.25	0.11	-		4.37	0.13		2	1	+10427
+10428	19	31	17	+5	22.2	2	0.25	0.3	1.9	0.14	0.06	9.25	3.24	0.08	1.50		3.10	0.10	K	2	2	+10428
+10429	19	31	38	+11	39.4	2	3.75	0.5	1.1	2.90	0.10	0.66	7.14	0.11	1.41		4.24	0.15		3	3	+10429
+10430	19	31	41	+7	16.7	2	1.12	0.3	1.3	1.74	0.09	0.37	3.54	0.07	0.06		1.80	0.11		3	2	+10430
+10431R	19	32	20	+7	1.5	2	2.00	0.3	3.8	2.67	0.10	0.69	5.85	-	-	Q	3.18	-		2	2	+10431
+10432	19	35	10	+5	10.4	2	0.37	0.5	0.1	2.45	0.08	1.62	6.13	0.08	0.25		3.68	0.11		2	2	+10432
+10433	19	35	43	+11	36.5	2	2.00	0.3	0.5	1.40	0.06	10.75	6.54	0.07	32.00		5.14	0.09	K,I	4	4	+10433
+10434	19	36	16	+10	57.3	2	2.75	0.3	3.0	2.86	0.07	2.50	6.24	0.06	0.37		3.38	0.09		4	4	+10434
+10435	19	41	42	+14	9.7	2	0.50	0.5	0.1	2.83	0.08	0.06	6.65	0.09	0.81		3.82	0.12		2	2	+10435
+10436	19	41	56	+14	35.9	2	2.75	0.5	0.5	2.89	0.11	0.06	6.97	0.12	0.50		4.08	0.16		2	2	+10436
+10437	19	42	16	+13	6.9	2	0.56	0.3	0.4	2.53	0.07	0.09	5.18	0.24	-		2.65	0.25		3	1	+10437
+10438	19	43	5	+7	39.9	2	0.37	0.3	1.5	2.43	0.08	0.09	-	-	-		-	-		3	0	+10438
+10439	19	43	53	+10	29.1	1	2.19	0.2	0.6	-0.64	0.04	1.25	*	-	-		-	-		5	0*	+10439
+10440	19	45	44	+14	43.0	2	1.37	0.5	0.5	2.30	0.07	0.37	7.61	0.17	3.62		5.31	0.18	I	2	2	+10440
+10441	19	48	20	+8	44.4	2	0.63	0.3	0.1	0.21	0.08	0.12	*	-	-		-	-		2	0*	+10441
+10442	19	51	51	+8	20.0	2	5.44	0.5	1.5	2.37	0.09	0.84	3.90	0.08	0.06		1.53	0.12		3	2	+10442
+10443	19	52	40	+11	28.5	2	2.06	0.3	0.9	2.60	0.07	0.19	7.21	0.11	3.00		4.61	0.13		3	3	+10443
+10444	19	52	53	+6	16.9	2	0.12	0.3	0.5	1.61	0.07	1.00	2.95	0.06	0.06		1.34	0.09		2	2	+10444
+10445	19	54	28	+11	58.1	2	1.75	0.5	1.7	2.92	0.08	0.12	6.20	0.06	0.37		3.28	0.10		4	4	+10445
+10446	19	57	26	+10	23.0	2	1.75	0.3	0.5	2.69	0.06	1.50	6.75	0.07	1.00		4.06	0.09		4	4	+10446
+10447	19	58	37	+8	25.0	2	0.25	0.3	0.7	2.19	0.07	0.06	4.60	0.14	-		2.41	0.16		2	1	+10447
+10448	20	1	43	+7	8.1	2	0.12	0.5	0.1	2.96	0.11	0.25	4.75	0.06	0.06		1.79	0.13		2	2	+10448
+10449	20	4	41	+13	10.6	1	2.50	0.3	2.2	2.48	0.05	2.81	5.32	0.04	1.41		2.84	0.06		5	5	+10449
+10450	20	4	45	+12	48.1	2	5.94	0.3	2.2	2.70	0.06	5.47	7.79	0.15	2.50		5.09	0.16		5	4	+10450

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+10401	0 1 0 0 2 0 0 1 0 0											+10401
+10402	0 1 0 0 1 0 0 1 0 0											+10402
+10403	0 1 0 0 4 0 0 2 0 0											+10403
+10404	0 2 0 0 2 0 0 0 0 0	2.99	A0	V	7235	26270	+13	3899		-4	-0.9	+10404
+10405	0 1 0 0 2 0 0 0 0 0	7.70	K0				+11	3732		0	0.1	+10405
+10406	0 1 0 0 1 0 0 1 0 0	5.50	M7	G	7243	26297	+08	3970	R AQL	0	0.0	+10406
+10407	0 1 0 0 1 0 0 0 0 0								V844 AQL	2	0.3	+10407
+10408	0 1 0 0 1 0 0 0 0 0								V347 AQL	-1	-0.1	+10408
+10409	0 1 0 0 2 0 0 0 0 0											+10409
+10410	0 2 0 0 1 0 0 0 0 0	7.61	K0			26422	+04	4004		0	0.1	+10410
+10411	0 1 0 0 1 0 0 0 0 0	8.80	MA				+06	4051		-1	0.1	+10411
+10412	0 1 0 0 2 0 0 0 0 0	6.93	K2			26506	+11	3778		2	0.1	+10412
+10413	0 2 0 0 1 0 0 0 0 0	8.70	K5				+14	3844		-2	-0.6	+10413
+10414	0 1 0 0 2 0 0 1 0 0											+10414
+10415	0 1 0 0 2 0 0 0 0 0											+10415
+10416	0 1 0 0 1 0 0 1 0 0											+10416
+10417	0 1 0 0 1 0 0 0 0 0	7.00	K5				+04	4073		-1	0.3	+10417
+10418	0 1 0 0 1 0 0 1 0 0	8.50	K5				+09	4075		1	0.1	+10418
+10419	0 1 0 0 1 0 0 0 0 0											+10419
+10420	0 1 0 0 2 0 0 0 0 0											+10420
+10421	0 2 0 0 2 0 0 0 0 0											+10421
+10422	0 1 0 0 2 0 0 0 0 0	8.90	MB				+11	3848		1	-0.1	+10422
+10423	0 1 0 0 1 0 0 0 0 0	8.60	MB				+05	4154		0	0.1	+10423
+10424	0 1 0 0 1 0 0 1 0 0	8.40	MA				+09	4114		-1	-0.1	+10424
+10425	0 1 0 0 3 0 0 1 0 0	8.60	MA				+10	3916		0	0.0	+10425
+10426	0 1 0 0 1 0 0 1 0 0	8.70	MB				+09	4142		-6	-0.3	+10426
+10427	0 1 0 0 1 0 0 0 0 0								V621 AQL	3	2.3	+10427
+10428	0 1 0 0 1 0 0 0 0 0	6.73	M3			27020	+05	4190	V450 AQL	-2	0.9	+10428
+10429	0 1 0 0 2 0 0 0 0 0								KY AQL	-2	1.3	+10429
+10430	0 2 0 0 1 0 0 0 0 0	4.44	K3	III	7429	27030	+07	4132		2	0.5	+10430
+10431R	0 1 0 0 1 0 0 0 0 0	8.40	K2				+06	4199		1	-0.6	+10431
+10432	0 1 0 0 1 0 0 0 0 0											+10432
+10433	0 1 0 0 3 0 0 0 0 0								RT AQL	2	0.0	+10433
+10434	0 1 0 0 3 0 0 0 0 0	8.70	MA				+10	4002		1	-0.4	+10434
+10435	0 1 0 0 1 0 0 0 0 0											+10435
+10436	0 1 0 0 1 0 0 0 0 0								V462 AQL	-4	-1.0	+10436
+10437	0 1 0 0 2 0 0 0 0 0	7.07	K5			27323	+12	4060		-1	0.3	+10437
+10438	0 1 0 0 2 0 0 0 0 0								V421 AQL	1	0.0	+10438
+10439	0 1 0 0 3 0 0 1 0 0	2.71	K3	II	7525	27354	+10	4043		0	-0.3	+10439
+10440	0 1 0 0 1 0 0 0 0 0											+10440
+10441	0 1 0 0 1 0 0 0 0 0	0.77	A7	V	7557	27470	+08	4236		0	0.3	+10441
+10442	0 2 0 0 1 0 0 0 0 0	4.68	K0	III	7595	27558	+08	4261		1	0.2	+10442
+10443	0 1 0 0 2 0 0 0 0 0											+10443
+10444	0 1 0 0 1 0 0 0 0 0	3.71	G8	IV	7602	27587	+06	4357		1	0.0	+10444
+10445	0 0 0 0 3 0 0 0 1 0	8.70	MB				+11	4057		4	0.9	+10445
+10446	0 1 0 0 2 0 0 1 0 0								PV AQL	1	0.9	+10446
+10447	0 1 0 0 1 0 0 0 0 0	5.91	K5	G	7648	27739	+08	4300		3	-0.1	+10447
+10448	0 1 0 0 1 0 0 0 0 0	5.52	K0	G	7669	27824	+06	4416		0	0.0	+10448
+10449	0 1 0 0 3 0 0 0 1 0	7.80	K5				+12	4229		0	-0.1	+10449
+10450	0 1 0 0 3 0 0 0 1 0								SY AQL	0	-0.3	+10450

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+10451	20	5	16	+5	54.3	2	0.50	0.3	1.7	2.94	0.09	10.50	9.85	-	-	Q	6.91	-	K	4	4	+10451
+10452	20	5	44	+13	20.9	2	4.87	0.3	11.6	2.63	0.07	2.25	6.58	0.07	1.37		3.95	0.10		6	4	+10452
+10453	20	7	25	+14	35.3	2	1.12	0.7	1.4	2.81	0.10	0.06	6.61	0.10	0.87		3.80	0.14		2	2	+10453
+10454R	20	8	44	+6	12.0	2	2.81	0.3	0.2	2.12	0.06	0.37	5.13	-	-	Q	3.01	-		3	3	+10454
+10455	20	8	52	+14	39.4	2	1.12	0.5	2.3	2.59	0.07	1.97	6.34	0.12	-		3.75	0.14		3	1	+10455
+10456	20	8	55	+8	34.0	2	1.50	0.5	0.1	2.67	0.10	0.06	5.32	0.07	0.31		2.65	0.12		2	2	+10456
+10457R	20	9	35	+7	32.1	2	1.75	0.3	1.0	1.73	0.05	0.25	4.81	-	-	Q	3.08	-		4	4	+10457
+10458	20	10	24	+12	50.9	2	2.19	0.3	2.2	3.03	0.08	10.47	7.42	0.11	32.34		4.39	0.14	K,I	5	5	+10458
+10459	20	12	31	+8	56.5	2	4.25	0.3	3.5	1.87	0.05	5.50	6.48	0.09	32.00		4.61	0.10	I	4	4	+10459
+10460	20	13	5	+12	54.9	1	3.12	0.3	0.6	2.25	0.06	2.66	6.19	0.05	0.47		3.94	0.08		5	5	+10460
+10461	20	13	27	+7	31.1	1	0.75	0.3	0.2	0.90	0.04	0.75	4.43	0.08	-		3.53	0.09		4	1	+10461
+10462	20	14	32	+6	54.6	1	0.19	0.3	2.1	1.98	0.05	0.56	5.02	0.08	-		3.04	0.09		3	1	+10462
+10463	20	17	10	+13	3.5	1	2.50	0.3	0.6	2.06	0.05	1.09	4.69	0.04	2.81		2.63	0.06		5	5	+10463
+10464	20	20	40	+8	17.6	2	1.31	0.3	6.9	2.53	0.08	0.09	5.65	0.07	0.56		3.12	0.11		3	2	+10464
+10465	20	20	49	+7	47.9	2	1.50	0.3	0.2	1.71	0.05	1.87	6.04	0.06	1.00		4.33	0.08		4	4	+10465
+10466	20	22	8	+14	48.3	2	0.56	0.5	0.6	2.84	0.10	0.37	7.01	0.09	4.03		4.17	0.13		3	3	+10466
+10467	20	23	21	+9	53.6	2	1.25	0.3	0.2	2.46	0.06	2.87	4.95	0.05	2.25		2.49	0.08		4	4	+10467
+10468	20	23	41	+13	44.8	1	0.31	0.3	0.6	2.81	0.06	0.16	5.21	0.05	1.62		2.40	0.08		5	4	+10468
+10469	20	26	25	+11	54.8	1	1.25	0.3	1.2	2.44	0.06	0.47	5.70	0.05	0.63		3.26	0.08		5	5	+10469
+10470	20	27	0	+9	44.0	1	2.00	0.3	8.7	1.07	0.04	1.37	4.30	0.07	2.62		3.23	0.08		4	4	+10470
+10471	20	31	10	+9	20.9	1	0.94	0.3	1.2	2.65	0.06	0.63	5.75	0.05	5.47		3.10	0.08		5	5	+10471
+10472	20	32	17	+5	3.9	2	1.50	0.5	0.5	2.89	0.10	0.75	5.85	0.05	4.75		2.96	0.11		4	4	+10472
+10473	20	35	13	+14	25.1	1	3.00	0.3	2.3	2.65	0.06	3.75	3.33	0.05	0.75		0.68	0.08		4	4	+10473
+10474	20	36	20	+13	8.2	2	1.50	0.3	1.5	2.38	0.06	1.62	4.65	0.05	0.37		2.27	0.08		4	4	+10474
+10475	20	39	16	+11	41.9	2	1.50	0.3	0.5	2.83	0.07	4.00	7.81	0.15	32.00		4.98	0.17	I	4	4	+10475
+10476	20	39	31	+8	7.5	2	1.75	0.3	2.8	2.42	0.06	1.62	6.41	0.07	1.41		3.99	0.09		4	3	+10476
+10477	20	44	15	+6	16.7	2	0.25	0.3	0.2	2.96	0.09	0.37	6.51	0.07	0.50		3.55	0.11		4	4	+10477
+10478	20	47	25	+11	25.2	2	1.00	0.3	1.2	2.55	0.06	3.75	6.24	0.13	-		3.69	0.14		4	1	+10478
+10479	20	47	56	+5	54.4	1	3.44	0.3	0.9	1.50	0.04	1.87	6.20	0.06	0.87		4.70	0.07		5	4	+10479
+10480	20	53	11	+13	31.6	1	4.12	0.3	5.6	2.68	0.06	7.31	4.41	0.07	1.25		1.73	0.09		6	5	+10480
+10481	20	54	5	+8	38.8	2	1.50	0.3	0.1	2.24	0.07	0.25	5.75	0.07	2.50		3.51	0.10		2	2	+10481
+10482	20	56	25	+14	6.1	2	3.00	0.3	1.5	2.22	0.06	1.12	5.87	0.06	1.12		3.65	0.08		4	3	+10482
+10483	20	57	52	+13	22.6	1	5.62	0.3	1.5	2.96	0.07	2.06	7.76	0.13	18.28		4.80	0.15	I	6	5	+10483
+10484	21	0	40	+14	31.6	2	0.37	0.3	1.3	2.10	0.05	2.91	4.75	0.07	0.75		2.65	0.09		3	3	+10484
+10485	21	2	3	+5	18.0	2	1.00	0.3	1.0	1.81	0.06	4.25	4.19	0.08	0.47		2.38	0.10		4	3	+10485
+10486	21	3	38	+7	37.8	1	11.81	0.2	0.4	1.74	0.04	1.75	6.07	0.04	5.69		4.33	0.06		7	7	+10486
+10487	21	5	59	+6	47.0	1	0.25	0.3	2.5	1.84	0.06	1.37	4.56	0.06	1.37		2.72	0.08		4	4	+10487
+10488	21	9	48	+11	34.4	2	2.19	0.3	1.6	2.83	0.07	1.25	5.46	0.05	0.31		2.63	0.09		5	5	+10488
+10489	21	13	17	+5	2.9	2	3.94	0.3	5.1	2.30	0.07	0.09	3.47	0.06	0.56		1.17	0.09		3	3	+10489
+10490	21	13	17	+9	4.3	2	2.81	0.5	0.6	2.82	0.07	0.47	6.41	0.06	6.87		3.59	0.09		5	5	+10490
+10491	21	15	49	+7	32.5	1	2.62	0.2	3.0	1.60	0.04	1.50	5.14	0.04	2.81		3.54	0.06		6	6	+10491
+10492	21	16	26	+10	59.8	1	1.25	0.2	4.1	1.82	0.04	3.28	4.44	0.06	0.63		2.62	0.07		5	5	+10492
+10493	21	17	40	+12	45.1	2	2.25	0.3	8.5	2.97	0.08	3.37	5.55	-	-	Q	2.58	-		4	3	+10493
+10494	21	18	35	+7	8.4	1	2.81	0.2	0.9	1.54	0.04	1.87	4.11	0.06	0.31		2.57	0.07		5	5	+10494
+10495	21	24	55	+13	53.9	1	3.12	0.3	0.3	2.28	0.04	2.81	5.56	0.04	6.87		3.28	0.06		5	5	+10495
+10496	21	25	55	+7	58.5	2	0.37	0.3	0.7	1.86	0.06	0.09	4.57	0.07	0.09		2.71	0.09		3	3	+10496
+10497	21	28	23	+12	45.1	1	1.25	0.3	2.5	2.62	0.06	0.78	6.63	0.06	2.81		4.01	0.08		5	5	+10497
+10498	21	28	38	+10	56.3	1	7.87	0.2	3.8	1.53	0.03	30.94	7.05	-	-	Q	5.52	-	K	6	6	+10498
+10499	21	30	37	+6	55.6	2	2.06	0.7	0.9	3.03	0.10	4.59	7.02	0.11	0.37		3.99	0.15	K	3	3	+10499
+10500	21	36	44	+8	4.4	2	5.25	0.3	1.5	2.12	0.07	0.12	6.02	0.06	1.12		3.90	0.09		4	4	+10500

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+10451	0 1 0 0 2 0 0 0 1 0											+10451
+10452	0 1 0 0 4 0 0 0 1 0											+10452
+10453	0 1 0 0 1 0 0 0 0 0	8.80					+14	4202		0	-0.2	+10453
+10454R	0 1 0 0 1 0 0 0 1 0	7.80	M3			28008	+05	4435		1	0.1	+10454
+10455	0 2 0 0 1 0 0 0 0 0											+10455
+10456	0 1 0 0 1 0 0 0 0 0	7.90	MA				+08	4369		-1	-0.1	+10456
+10457R	0 1 0 0 2 1 0 0 0 0	8.10	MB				+07	4398		0	0.1	+10457
+10458	0 2 0 0 2 0 0 0 1 0								RU AQL	0	0.2	+10458
+10459	0 1 1 0 1 0 0 0 1 0	7.60	M5E			28119	+08	4385	R DEL	1	0.4	+10459
+10460	0 1 0 0 3 0 0 0 1 0											+10460
+10461	0 1 0 0 2 1 0 0 0 0	8.50	MB				+07	4422		0	0.2	+10461
+10462	0 1 0 0 1 0 0 0 1 0	7.80	MB				+06	4490		-2	-0.4	+10462
+10463	0 2 0 0 2 0 0 0 1 0	6.30	M1	G	7771	28257	+12	4289		1	0.0	+10463
+10464	0 1 0 0 1 1 0 0 0 0	8.40	MA				+08	4420		-2	-0.2	+10464
+10465	0 1 0 0 2 1 0 0 0 0											+10465
+10466	0 1 0 0 1 0 0 0 1 0								CI DEL	0	-0.1	+10466
+10467	0 1 1 0 1 0 0 0 1 0	6.33	K5	III·	7810	28414	+09	4526		1	0.1	+10467
+10468	0 2 0 0 2 0 0 0 1 0	6.52	K5			28428	+13	4390		0	-0.1	+10468
+10469	0 1 0 0 2 0 0 0 2 0	8.50	MA				+11	4276		-2	0.1	+10469
+10470	0 1 1 0 1 0 0 0 1 0	7.50	MB				+09	4549	CT DEL	-2	0.2	+10470
+10471	0 1 1 0 1 1 0 0 1 0	8.10	MA				+09	4578	CZ DEL	-3	0.2	+10471
+10472	0 1 0 0 1 1 0 0 1 0	8.70	MA				+04	4490		-2	0.3	+10472
+10473	0 2 0 0 1 0 0 0 1 0	3.63	F5	IV	7882	28709	+14	4369		0	-0.1	+10473
+10474	0 1 0 0 2 0 0 0 1 0	5.82	K3	II	7892	28743	+12	4411		-3	-0.1	+10474
+10475	0 1 0 0 2 0 0 0 1 0								Y DEL	0	0.0	+10475
+10476	0 1 0 0 2 1 0 0 0 0											+10476
+10477	0 1 0 0 1 1 0 0 1 0											+10477
+10478	0 1 1 0 1 0 0 0 1 0											+10478
+10479	0 2 0 0 1 1 0 0 1 0											+10479
+10480	0 1 0 0 3 1 0 0 1 0	5.24	K0	III	8011	29201	+13	4572		-4	-0.2	+10480
+10481	0 0 0 0 1 1 0 0 0 0	8.70	MB				+08	4574		-2	0.2	+10481
+10482	0 1 0 0 1 1 0 0 1 0	8.70	MC				+13	4591		1	0.1	+10482
+10483	0 1 0 0 2 1 0 0 2 0								SW DEL	0	0.0	+10483
+10484	0 1 0 0 1 0 0 0 1 0	6.21	M1	III	8057	29389	+14	4518		-1	-0.3	+10484
+10485	0 1 0 0 1 1 0 0 1 0	.5.60	K5	G	8066	29430	+04	4606		-2	-0.2	+10485
+10486	0 1 0 0 2 3 0 0 1 0								Y EQU	-2	0.0	+10486
+10487	0 1 0 0 1 1 0 0 1 0	6.15	K5		8090	29548	+06	4754		-1	-0.2	+10487
+10488	0 1 1 0 1 1 0 0 1 0	7.20	K5			29638	+11	4502		0	-0.2	+10488
+10489	0 1 0 0 0 1 0 0 1 0	3.92	G0	III	8131	29735	+04	4635		-2	0.5	+10489
+10490	0 1 1 0 1 1 0 0 1 0								T EQU	-2	0.6	+10490
+10491	0 1 0 0 2 2 0 0 1 0	8.60	MB				+07	4660	RU EQU	-2	-0.5	+10491
+10492	0 1 1 0 1 1 0 0 1 0	6.16	K5		8149	29821	+10	4516		-2	0.2	+10492
+10493	0 1 1 0 0 1 0 0 1 0	7.50	K5				+12	4600		0	0.1	+10493
+10494	0 1 0 0 1 1 0 0 2 0	5.78	M2	G	8163	29880	+06	4802		-2	-0.1	+10494
+10495	0 1 1 0 1 1 0 0 1 0	8.60	MB				+13	4709		0	0.1	+10495
+10496	0 1 0 0 1 1 0 0 0 0	6.40	M1		8219	30060	+07	4696		-2	-0.1	+10496
+10497	0 1 1 0 1 1 0 0 1 0											+10497
+10498	0 1 1 0 2 1 0 0 1 0								UU PEG	-2	0.2	+10498
+10499	0 1 0 0 0 1 0 0 1 0											+10499
+10500	0 1 0 0 2 1 0 0 0 0								EM PEG	0	-0.2	+10500

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+10501	21 36 57	+9 2.5	2	0.94	0.3	0.6	2.91	0.07	1.72	6.20	0.08	5.34		3.29	0.11	I	5	3	+10501
+10502	21 39 43	+5 27.1	1	0.19	0.3	0.4	1.04	0.05	0.09	3.51	0.06	0.09		2.47	0.08		3	3	+10502
+10503	21 41 43	+9 38.9	1	4.69	0.2	1.6	-0.88	0.03	4.84	*	-	-		-	-		5	0*	+10503
+10504	21 42 40	+12 28.2	1	4.37	0.2	1.9	1.28	0.04	40.00	6.04	0.05	40.00		4.76	0.06	K,I	5	5	+10504
+10505	21 58 34	+5 52.3	2	0.12	0.5	0.1	3.05	0.11	4.37	7.17	0.14	16.00		4.12	0.18	K,I	2	2	+10505
+10506	21 58 39	+8 0.9	2	3.94	0.3	4.7	2.32	0.08	0.75	4.49	0.09	0.09		2.17	0.12		3	3	+10506
+10507	21 59 23	+6 2.5	2	1.87	0.5	0.6	2.80	0.13	0.09	6.71	0.12	0.19		3.91	0.18		3	2	+10507
+10508	22 2 38	+14 34.5	1	3.37	0.3	1.9	1.41	0.03	0.94	4.23	0.06	0.78		2.82	0.07		6	5	+10508
+10509	22 4 38	+11 31.6	2	8.75	0.3	0.3	2.43	0.07	2.19	5.20	0.06	0.16		2.77	0.09		5	5	+10509
+10510	22 4 52	+11 39.3	2	1.87	0.3	0.3	1.92	0.06	8.59	8.15	0.75	-		6.23	0.75	K	5	1	+10510
+10511	22 6 27	+12 17.6	1	9.37	0.3	0.7	2.15	0.05	7.69	7.05	0.08	40.00		4.90	0.09	I	6	5	+10511
+10512	22 6 50	+12 42.6	1	2.19	0.3	0.6	2.53	0.05	2.50	5.68	0.05	2.50		3.15	0.07		5	5	+10512
+10513	22 8 12	+11 22.7	1	1.87	0.2	1.9	1.75	0.04	3.12	4.22	0.06	0.47		2.47	0.07		5	5	+10513
+10514	22 9 50	+14 18.6	1	6.00	0.2	3.0	1.04	0.03	24.94	5.35	0.04	48.00		4.31	0.05	K,I	6	6	+10514
+10515	22 15 53	+13 21.5	1	1.50	0.2	2.3	1.30	0.03	0.37	5.02	0.04	6.25		3.72	0.05		6	5	+10515
+10516	22 22 13	+9 32.8	2	1.75	0.5	1.0	2.93	0.09	2.87	5.60	0.05	0.25		2.67	0.10		4	4	+10516
+10517	22 23 59	+11 7.3	1	1.56	0.3	0.9	2.40	0.05	2.66	5.50	0.05	1.09		3.10	0.07		5	5	+10517
+10518	22 26 39	+8 52.3	1	4.69	0.3	2.5	1.85	0.05	0.63	4.24	0.07	1.50		2.39	0.09		5	4	+10518
+10519	22 28 1	+12 50.9	1	3.00	0.3	0.5	1.24	0.04	1.87	5.91	0.05	6.75		4.67	0.06	I	4	4	+10519
+10520	22 34 35	+12 19.0	2	1.25	0.5	3.8	2.89	0.08	0.78	5.28	0.06	0.37		2.39	0.10		5	3	+10520
+10521	22 40 20	+6 24.1	2	0.12	0.5	0.1	2.77	0.10	0.37	5.66	0.07	0.31		2.89	0.12		2	2	+10521
+10522	22 44 13	+11 54.6	2	0.37	0.5	0.2	2.87	0.08	1.59	3.86	0.07	0.28		0.99	0.11		3	3	+10522
+10523	22 51 40	+8 37.9	2	8.25	0.3	0.7	1.53	0.08	0.09	6.73	0.13	1.37		5.20	0.15		3	2	+10523
+10524	22 54 32	+14 9.4	1	0.25	0.3	2.3	2.64	0.06	1.37	5.66	0.05	1.50		3.02	0.08		4	4	+10524
+10525	22 59 37	+10 20.0	2	2.25	0.5	0.2	2.81	0.09	15.75	8.54	0.29	1.03		5.73	0.30	K	4	3	+10525
+10526	23 2 17	+14 56.1	2	5.50	0.3	1.2	2.52	0.06	1.12	2.69	0.06	0.75		0.17	0.08		4	4	+10526
+10527	23 4 7	+10 16.4	1	3.44	0.2	0.6	0.33	0.06	9.22	4.61	0.07	24.00		4.28	0.09	K,I	5	3	+10527
+10528	23 4 29	+9 8.5	1	0.94	0.3	3.4	0.66	0.05	0.09	2.94	0.08	0.56		2.28	0.09		3	3	+10528
+10529	23 6 56	+8 24.6	2	3.75	0.3	0.1	-0.45	0.05	2.19	2.51	0.06	0.56		2.96	0.08		2	2	+10529
+10530	23 10 30	+8 41.5	2	2.37	0.3	0.1	1.77	0.07	0.12	4.69	0.06	0.12		2.92	0.09		2	2	+10530
+10531	23 14 17	+10 19.1	2	0.25	0.3	2.5	0.38	0.05	0.50	4.36	0.08	0.25		3.98	0.09		4	4	+10531
+10532	23 17 44	+5 6.5	2	1.69	0.3	0.4	2.07	0.05	0.56	4.13	0.07	0.84		2.06	0.09		3	3	+10532
+10533	23 17 58	+8 39.4	2	0.56	0.3	2.3	1.59	0.06	0.28	6.58	0.08	1.12		4.99	0.10		3	3	+10533
+10534	23 20 33	+12 2.1	2	1.12	0.3	0.4	2.11	0.06	0.94	4.12	0.07	0.28		2.01	0.09		3	3	+10534
+10535	23 25 26	+6 6.4	1	0.94	0.2	1.6	1.87	0.04	0.94	3.45	0.04	1.25		1.58	0.06		5	5	+10535
+10536	23 26 37	+12 29.0	2	0.12	0.3	2.5	2.37	0.07	0.06	3.93	0.09	0.31		1.56	0.11		2	2	+10536
+10537	23 31 15	+6 1.4	1	13.75	0.3	1.6	2.25	0.05	2.66	6.53	0.06	11.87		4.28	0.08	I	5	5	+10537
+10538	23 32 54	+8 14.6	2	0.37	0.3	0.7	2.43	0.07	5.72	4.98	-	-	Q	2.55	-	K	3	3	+10538
+10539	23 37 23	+5 21.4	2	1.12	0.3	1.1	2.75	0.08	0.09	3.81	0.06	0.09		1.06	0.10		3	3	+10539
+10540	23 40 52	+10 2.9	2	0.12	0.5	0.1	0.79	0.06	0.19	3.33	0.08	0.06		2.54	0.10		2	2	+10540
+10541	23 48 49	+9 2.1	2	0.12	0.5	0.1	1.25	0.07	0.44	3.81	0.14	0.12		2.56	0.16		2	2	+10541
+10542	23 49 13	+8 46.5	2	1.25	0.3	1.2	1.41	0.07	1.00	5.57	0.07	1.78		4.16	0.10		4	3	+10542
+10543	23 51 34	+14 12.1	1	4.00	0.3	0.5	2.78	0.07	0.63	6.59	0.08	1.41		3.81	0.11		4	3	+10543
+10544	23 53 22	+14 57.1	2	0.75	0.3	0.4	1.32	0.04	0.47	4.12	0.08	1.31		2.80	0.09		3	3	+10544
+10545	23 56 46	+6 35.4	2	3.56	0.3	0.6	2.95	0.09	1.22	3.75	0.06	0.28		0.80	0.11		3	3	+10545

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+10501	0 1 1 0 1 1 0 0 1 0	8.60	M5				+08	4713		-2	-0.1	+10501
+10502	0 1 0 0 0 1 0 0 1 0	5.29	M2	G	8289	30378	+05	4850		-2	0.0	+10502
+10503	0 1 1 0 1 1 0 0 1 0	2.42	K2	II	8308	30431	+09	4891		-2	0.2	+10503
+10504	0 1 1 0 1 1 0 0 1 0								TU PEG	0	0.2	+10504
+10505	0 0 0 0 0 1 0 0 1 0								V PEG	1	-0.5	+10505
+10506	0 1 0 0 1 1 0 0 0 0	5.68	K5	G	8393	30804	+07	4779		-2	-0.1	+10506
+10507	0 1 0 0 0 1 0 0 1 0											+10507
+10508	0 1 1 0 1 2 0 0 1 0	6.72	M0			30883	+14	4730		0	0.1	+10508
+10509	0 1 1 0 1 1 0 0 1 0	7.26	M0			30929	+11	4730		2	0.2	+10509
+10510	0 1 1 0 1 1 0 0 1 0											+10510
+10511	0 0 1 0 1 2 0 0 2 0	8.40	M6E			30981	+11	4738	T PEG	0	-0.1	+10511
+10512	0 1 1 0 1 1 0 0 1 0	8.50	MA				+12	4767		-2	-0.2	+10512
+10513	0 1 1 0 1 1 0 0 1 0	5.74	M1	G	8458	31026	+10	4701		1	0.0	+10513
+10514	0 1 1 0 1 1 0 0 2 0								RS PEG	0	0.3	+10514
+10515	0 1 1 0 1 2 0 0 1 0	8.60	MB				+12	4801	TX PEG	1	0.0	+10515
+10516	0 0 1 0 1 1 0 0 1 0	7.80	K5				+09	5040		-2	-0.6	+10516
+10517	0 1 1 0 1 1 0 0 1 0	8.40	MA				+10	4752		0	-0.3	+10517
+10518	0 1 1 0 1 1 0 0 1 0	5.58	K5	G	8562	31408	+08	4874		0	-0.1	+10518
+10519	0 0 1 0 1 1 0 0 1 0											+10519
+10520	0 0 1 0 1 1 0 0 2 0	6.37	K5		8608	31570	+11	4838		-2	-0.1	+10520
+10521	0 0 1 0 0 1 0 0 0 0	8.20	MA				+05	5059		3	-0.4	+10521
+10522	0 0 1 0 0 1 0 0 1 0	4.19	F7	V	8665	31778	+11	4875		1	-0.3	+10522
+10523	0 1 1 0 0 1 0 0 0 0											+10523
+10524	0 0 1 0 0 2 0 0 1 0	8.00	MA				+13	5024		0	0.3	+10524
+10525	0 0 1 0 1 1 0 0 1 0											+10525
+10526	0 0 2 0 0 2 0 0 0 0	2.49	B9	III	8781	32149	+14	4926		0	0.0	+10526
+10527	0 0 1 0 1 2 0 0 1 0	6.90	M7E			32187	+09	5158	R PEG	-2	0.0	+10527
+10528	0 0 2 0 0 1 0 0 0 0	4.50	M2	III	8795	32196	+08	4997		0	0.2	+10528
+10529	0 0 1 0 0 1 0 0 0 0	5.11	M4		8815	32252	+07	4981		-4	0.3	+10529
+10530	0 0 1 0 0 1 0 0 0 0	6.90	MB				+08	5020		-4	0.0	+10530
+10531	0 0 1 0 1 2 0 0 0 0	8.40	M8				+09	5191	EO PEG	1	-0.5	+10531
+10532	0 0 0 0 0 1 0 0 2 0	5.04	K2	III	8878	32491	+04	4997		-3	0.0	+10532
+10533	0 0 1 0 0 2 0 0 0 0	7.30	M6E			32497	+08	5047	S PEG	-3	0.7	+10533
+10534	0 0 1 0 0 1 0 0 1 0	5.12	K3	III	8893	32543	+11	4993		0	-0.2	+10534
+10535	0 1 1 0 0 1 0 0 2 0	4.27	K1	III	8916	32647	+05	5173		0	0.1	+10535
+10536	0 0 1 0 0 1 0 0 0 0	4.56	G8	III	8923	32667	+11	5009		0	-0.1	+10536
+10537	0 1 1 0 0 1 0 0 2 0											+10537
+10538	0 1 1 0 0 1 0 0 0 0	6.89	K5			32797	+07	5059		0	0.0	+10538
+10539	0 0 0 0 0 1 0 0 2 0	4.13	F7	V	8969	32879	+04	5035		0	0.1	+10539
+10540	0 0 1 0 0 1 0 0 0 0	5.06	M2	G	8991	32945	+09	5268		2	-0.4	+10540
+10541	0 0 1 0 0 1 0 0 0 0	5.79	M3	G	9030	33094	+08	5127		1	0.0	+10541
+10542	0 1 2 0 0 1 0 0 0 0											+10542
+10543	0 0 1 0 0 3 0 0 0 0											+10543
+10544	0 0 1 0 0 2 0 0 0 0	6.59	M3			33191	+14	5074		1	0.0	+10544
+10545	0 1 1 0 0 1 0 0 0 0	4.01	F4	IV	9072	33262	+06	5227		1	0.2	+10545

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+10011	1.24	0.07	9.23	0.87		9041
+10011	1.89	0.09	10.69	-	Q	9393
+10014	3.16	0.23	8.38	0.45		8994
+10014	2.52	0.16	6.17	0.11		9096
+10014	2.91	0.21	8.56	0.56		9406
+10015	2.47	0.13	5.61	0.09		8994
+10015	2.40	0.13	5.34	0.09		9096
+10015	2.56	0.10	5.49	0.09		9383
+10015	2.51	0.11	5.72	0.09		9746
+10015	2.38	0.10	5.64	0.09		9773
+10016	2.00	0.09	5.77	0.17		9036
+10016	1.86	0.28	-	-		9041
+10016	2.05	0.33	5.82	0.10		9041
+10016	1.92	0.09	6.18	0.11		9394
+10016	1.88	0.08	5.94	0.10		9423
+10027	1.53	0.09	4.22	0.11		8994
+10027	1.76	0.09	4.32	0.13		9096
+10027	1.53	0.37	-	-		9406
+10027	1.38	0.10	4.38	0.13		9406
+10031	2.82	0.35	5.76	0.09		9000
+10031	2.94	0.20	5.35	0.09		9096
+10031	2.68	0.36	-	-		9113
+10031	2.89	0.14	5.47	0.09		9383
+10031	3.00	0.20	5.40	0.18		9443
+10031	2.86	0.13	5.73	0.09		9746
+10031	2.96	0.16	5.50	-	Q	9773
+10040	1.70	0.10	5.78	0.10		9069
+10040	1.51	0.08	6.36	0.11		9394
+10040	1.58	0.07	5.87	0.10		9423
+10061	3.49	0.26	9.15	0.66		8793
+10061	2.90	0.16	8.21	0.44		9406
+10061	2.76	0.16	7.92	0.35		9406
+10081	1.82	0.10	6.49	0.11		8792
+10081	1.74	0.31	-	-		8793
+10081	1.76	0.10	5.94	0.11		9069
+10081	1.90	0.08	6.39	0.13		9499
+10085	2.29	0.11	6.12	0.10		8793
+10085	2.49	0.11	5.79	0.10		9499
+10088	1.37	0.08	5.27	0.08		8792
+10088	1.34	0.08	4.87	0.08		9069
+10088	1.51	0.07	5.17	0.09		9499

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+10089	1.79	0.10	5.77	0.09		8794
+10089	1.67	0.09	5.43	0.09		9096
+10089	1.94	0.09	5.99	0.10		9529
+10094	2.02	0.09	6.65	0.12		8792
+10094	2.05	0.10	6.39	0.13		9069
+10094	2.19	0.08	7.00	0.18		9499
+10103	0.91	0.06	5.12	0.09		8823
+10103	1.33	0.13	5.22	0.17		9188
+10103	0.96	0.11	5.17	0.15		9499
+10103	0.95	0.33	5.25	-	Q	9540
+10103	1.17	0.09	5.31	0.24		9557
+10106	2.98	0.16	8.21	0.34		8792
+10106	2.43	0.12	7.53	0.28		9069
+10106	2.45	0.10	6.84	0.15		9423
+10106	2.56	0.12	7.15	0.21		9443
+10106	2.69	0.15	7.61	0.28		9499
+10106	2.33	0.29	-	-		9499
+10106	2.66	0.13	7.99	0.34		9556
+10129	3.02	0.23	8.11	0.32		8792
+10129	3.18	0.17	7.84	0.30		9423
+10129	3.26	0.17	7.35	0.23		9443
+10129	2.58	0.12	7.33	0.21		9556
+10135	3.31	0.24	10.28	-	Q	8823
+10135	2.38	0.10	7.97	0.31		9540
+10143	-0.14	0.10	4.86	0.08		8794
+10143	0.55	0.07	5.49	0.09		9096
+10143	1.09	0.07	5.55	0.09		9540
+10146	1.64	0.08	5.24	0.08		8794
+10146	1.43	0.08	4.74	0.08		9096
+10146	1.49	0.08	5.05	0.08		9529
+10156	3.27	0.39	8.11	0.32		8792
+10156	2.64	0.15	6.77	0.26		9443
+10156	2.69	0.16	6.96	0.19		9443
+10156	3.29	0.21	7.05	0.24		9556
+10167	0.54	0.08	4.71	0.14		8794
+10167	0.55	0.08	4.92	0.08		9096
+10167	0.25	0.09	3.77	0.09		9540
+10171	2.84	0.16	6.39	0.11		8794
+10171	2.99	0.16	7.20	0.21		9096
+10171	2.91	0.13	7.00	0.16		9540
+10185	-0.35	0.24	2.61	0.08		8792
+10185	-0.81	0.09	2.98	0.09		8823
+10185	-0.75	0.08	3.19	0.09		9557

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+10192	3.11	0.20	6.60	0.12		8792
+10192	2.91	0.14	7.33	0.22		9557
+10216	0.93	0.07	7.15	-	Q	8792
+10216	-0.62	0.12	6.80	-	Q	9233
+10216	1.54	0.11	6.80	-	Q	9556
+10216	1.47	0.08	7.46	0.28		9557
+10242	2.16	0.09	6.24	0.11		8823
+10242	2.34	0.10	5.84	0.10		9231
+10242	2.31	0.10	6.01	0.10		9540
+10244	2.83	0.14	6.16	0.10		8792
+10244	2.81	0.12	5.67	0.09		8890
+10244	2.62	0.16	6.10	0.10		9232
+10244	2.78	0.12	6.04	0.10		9557
+10256	2.33	0.14	5.61	0.09		8794
+10256	1.99	0.21	5.54	-	Q	8883
+10256	2.24	0.11	6.12	0.11		9215
+10256	2.22	0.10	5.30	0.09		9529
+10264	1.70	0.07	5.09	0.08		8883
+10264	1.78	0.09	5.37	0.09		9215
+10264	1.79	0.08	5.33	0.09		9529
+10268	1.31	0.07	4.34	0.13		8883
+10268	1.45	0.07	4.61	0.08		9215
+10268	1.57	0.08	4.77	0.08		9529
+10290	1.64	0.06	6.72	0.13		8890
+10290	1.46	0.08	6.66	0.15		9233
+10290	1.61	0.09	6.89	0.16		9265
+10290	1.15	0.08	5.48	0.09		9556
+10291	2.88	0.13	5.42	0.09		8889
+10291	2.93	0.36	5.77	0.09		9231
+10291	2.70	0.13	5.49	0.09		9649
+10309	1.89	0.07	5.76	0.09		8890
+10309	2.31	0.10	7.37	0.22		8952
+10309	2.35	0.13	7.50	0.23		9265
+10310	1.74	0.16	-	-		8890
+10310	1.83	0.08	5.79	0.09		8890
+10310	1.87	0.08	6.63	0.14		8952
+10310	1.76	0.33	5.72	0.09		9232
+10310	1.65	0.08	5.78	0.09		9232
+10310	1.79	0.12	6.84	0.16		9313
+10310	1.73	0.08	6.10	0.11		9608
+10314	2.59	0.10	6.61	0.14		8907
+10314	2.76	0.14	7.70	0.28		9302

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+10322	1.15	0.16	-	-		8883
+10322	0.98	0.06	7.23	0.18		8889
+10322	1.40	0.06	8.84	0.64		9231
+10322	0.77	0.07	6.65	0.12		9323
+10322	1.38	0.07	8.75	0.61		9649
+10323	0.77	0.06	5.00	0.08		8889
+10323	0.43	0.08	4.68	0.08		9232
+10323	0.59	0.12	4.97	0.12		9313
+10323	0.54	0.10	4.84	0.08		9608
+10344	2.90	0.15	6.84	0.17		8930
+10344	3.39	0.22	7.00	0.17		9302
+10354	2.41	0.10	5.91	0.11		8930
+10354	2.50	0.12	6.98	0.17		9302
+10364	2.01	0.09	6.84	-	Q	8930
+10364	2.04	0.26	-	-		8930
+10364	1.96	0.10	6.93	0.16		9302
+10364	2.02	0.33	6.96	-	Q	9302
+10364	2.06	0.09	7.13	0.16		9327
+10364	2.01	0.08	6.59	0.13		9649
+10365	0.34	0.10	5.17	0.08		8939
+10365	1.24	0.28	7.34	0.47		9313
+10365	0.87	0.42	7.24	0.21		9313
+10365	0.97	0.15	6.94	0.26		9323
+10365	0.76	0.13	7.39	0.20		9327
+10365	0.69	0.12	6.29	0.12		9356
+10365	0.79	0.07	6.59	0.26		9649
+10366	-1.05	0.10	3.70	0.13		8930
+10366	-0.98	0.30	4.51	-	Q	8939
+10366	-0.95	0.06	4.13	0.12		9323
+10366	-0.88	0.06	3.94	0.12		9327
+10366	-0.70	0.11	4.23	0.12		9649
+10367	1.76	0.10	6.05	0.10		8889
+10367	1.93	0.13	5.96	0.09		8939
+10367	1.68	0.35	5.97	0.44		8952
+10367	1.63	0.12	5.59	0.13		9313
+10367	1.67	0.08	5.82	0.10		9356
+10367	1.64	0.10	5.72	0.09		9356
+10369	2.07	0.09	6.50	0.14		8930
+10369	2.04	0.11	6.17	0.11		9302
+10374	1.83	0.07	7.21	0.16		8890
+10374	1.60	0.07	7.35	0.21		8952
+10374	2.90	0.18	8.82	0.63		9265
+10374	2.86	0.14	-	-		9328

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+10386	3.36	0.21	4.83	0.08		8930
+10386	2.82	0.16	4.75	0.08		9302
+10389	1.57	0.06	5.62	0.09		8890
+10389	1.87	0.09	6.09	0.10		8952
+10389	1.61	0.10	5.78	0.09		9265
+10389	1.80	0.06	6.13	0.10		9328
+10390	3.44	0.21	8.56	0.44		8939
+10390	3.50	0.21	7.22	-	Q	9323
+10390	3.25	0.16	7.51	-	Q	9327
+10390	2.82	0.15	6.93	0.16		9649
+10401	2.78	0.12	8.37	-	Q	8930
+10401	3.05	0.18	9.02	-	Q	9302
+10401	3.41	0.20	11.05	-	Q	9327
+10401	1.98	0.10	-	-		9649
+10406	-1.22	0.07	2.92	-	Q	8930
+10406	-0.56	0.06	4.62	0.16		9327
+10406	-0.38	0.07	4.34	0.12		9649
+10414	3.41	0.17	9.35	0.80		8939
+10414	3.38	0.27	-	-		9327
+10414	3.40	0.15	9.91	-	Q	9327
+10414	2.78	0.11	9.31	-	Q	9649
+10428	0.31	0.09	3.30	0.09		8907
+10428	-0.09	0.08	3.08	0.13		9302
+10433	1.56	0.08	6.99	0.15		8939
+10433	1.30	0.13	6.73	0.16		9313
+10433	1.13	0.09	6.03	0.10		9356
+10433	1.14	0.33	6.07	0.11		9356
+10440	2.38	0.15	8.11	0.37		8952
+10440	2.27	0.08	7.33	0.18		9328
+10451	3.47	0.23	9.53	-	Q	8930
+10451	2.74	0.14	9.19	-	Q	9302
+10451	2.82	0.17	9.32	-	Q	9302
+10451	2.71	0.14	10.26	-	Q	9773
+10458	2.94	0.15	6.92	0.16		8952
+10458	2.74	0.12	6.91	0.16		8952
+10458	3.38	0.22	8.49	0.45		9313
+10458	3.38	0.22	8.43	0.50		9356
+10458	2.89	0.15	7.01	0.15		9776
+10459	1.80	0.08	4.82	0.08		8939
+10459	2.00	0.11	6.38	0.19		9035
+10459	1.94	0.08	6.99	0.16		9327
+10459	1.69	0.09	4.72	0.14		9775

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+10475	2.51	0.14	6.39	0.11		8939
+10475	2.85	0.15	8.51	0.46		9313
+10475	2.94	0.14	8.34	0.47		9356
+10475	2.87	0.12	8.48	0.43		9775
+10483	2.95	0.12	8.68	0.58		8952
+10483	3.12	0.37	8.57	0.48		9313
+10483	3.16	0.20	7.66	0.28		9356
+10483	2.96	0.17	7.00	0.16		9423
+10483	2.86	0.34	7.53	0.22		9776
+10483	2.83	0.13	7.07	-	Q	9776
+10498	1.63	0.06	7.62	-	Q	8939
+10498	1.61	0.08	7.18	-	Q	9035
+10498	1.07	0.12	6.12	-	Q	9313
+10498	1.09	0.12	6.40	-	Q	9313
+10498	1.61	0.06	6.72	-	Q	9393
+10498	1.26	0.07	6.68	-	Q	9775
+10499	2.86	0.24	6.88	0.23		8990
+10499	3.28	0.17	7.01	0.16		9383
+10499	2.83	0.12	7.07	0.16		9773
+10501	2.89	0.14	5.99	0.10		8939
+10501	2.90	0.17	6.21	0.19		9035
+10501	2.90	0.15	6.16	-	Q	9327
+10501	3.11	0.19	6.38	0.12		9406
+10501	2.79	0.14	6.07	-	Q	9775
+10504	1.71	0.09	6.27	0.11		8952
+10504	1.01	0.06	4.99	0.08		9041
+10504	1.39	0.12	5.01	0.12		9313
+10504	0.93	0.06	5.30	0.09		9393
+10504	1.37	0.10	6.47	0.11		9776
+10505	2.80	0.13	6.00	0.10		9383
+10505	3.29	0.18	7.93	0.28		9773
+10510	2.08	0.20	-	-		8939
+10510	1.53	0.16	-	-		9035
+10510	2.05	0.20	8.15	0.75		9313
+10510	1.76	0.09	-	-		9393
+10510	2.05	0.10	-	-		9775
+10511	2.41	0.12	7.11	0.19		9041
+10511	2.14	0.13	8.13	0.35		9313
+10511	2.05	0.33	6.84	0.15		9393
+10511	2.07	0.10	6.84	0.15		9393
+10511	2.07	0.11	6.36	0.11		9775
+10511	2.02	0.09	6.14	-	Q	9776

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+10514	1.10	0.07	5.14	0.08		8952
+10514	0.98	0.06	5.78	0.10		9041
+10514	1.27	0.07	5.38	0.09		9328
+10514	0.79	0.06	5.23	0.09		9423
+10514	1.02	0.08	4.82	0.08		9776
+10514	0.99	0.08	4.77	0.24		9776
+10519	1.19	0.06	5.71	0.09		9041
+10519	1.38	0.12	6.13	0.13		9313
+10519	1.24	0.06	5.96	0.10		9393
+10519	1.23	0.08	5.88	0.09		9776
+10525	3.37	0.22	9.20	0.75		9035
+10525	2.45	0.11	8.28	0.40		9327
+10525	2.71	0.16	9.29	-	Q	9406
+10525	2.61	0.33	8.35	0.39		9775
+10527	0.09	0.10	3.35	0.17		9035
+10527	0.36	0.10	4.78	0.08		9327
+10527	0.65	0.19	3.25	-	Q	9393
+10527	0.25	0.10	3.63	0.10		9406
+10527	0.59	0.22	5.37	-	Q	9775
+10537	2.16	0.11	6.43	0.12		8994
+10537	2.10	0.11	6.17	0.11		9096
+10537	2.32	0.11	6.44	0.12		9383
+10537	2.29	0.08	6.72	0.13		9746
+10537	2.29	0.10	6.72	0.13		9773
+10538	2.64	0.14	5.00	-	Q	8994
+10538	2.42	0.11	4.94	-	Q	9055
+10538	2.16	0.12	5.01	-	Q	9406

NO.	REMARKS
+10011	CIT NO. 3 (ULRICH ET.AL. 1966)
+10050	NML TAU (NEUGEBAUER ET. AL. 1965)
+10082	DA=1S, DD=0.1M FROM GC6483
+10431	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+10454	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+10457	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)

Declination Zone
+15 to +25 degrees

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+20001	0 3 20	+24 17.5	2	0.37	0.7	3.6	3.00	0.10	0.84	5.58	0.08	0.06		2.58	0.13		3	2	+20001
+20002	0 7 30	+24 54.8	2	4.50	0.5	0.1	3.00	0.11	0.25	5.97	0.09	0.06		2.97	0.14		2	2	+20002
+20003	0 9 38	+22 16.6	2	12.00	0.3	0.9	2.61	0.08	2.53	5.78	0.08	0.75		3.17	0.11		3	2	+20003
+20004	0 12 2	+19 55.9	2	0.50	0.3	0.5	0.60	0.05	2.25	3.15	0.09	-		2.55	0.10		2	1	+20004
+20005	0 14 40	+22 18.6	2	12.00	0.8	0.4	2.92	0.09	0.47	7.17	0.11	2.81		4.25	0.14		3	3	+20005
+20006	0 15 17	+19 57.3	2	0.12	0.3	1.5	1.72	0.05	0.63	4.79	0.06	0.12		3.07	0.08		2	2	+20006
+20007	0 25 28	+17 36.8	1	2.06	0.3	0.7	-0.16	0.06	1.87	2.69	0.07	3.28		2.85	0.09		3	3	+20007
+20008	0 25 38	+16 10.4	1	2.00	0.3	0.2	2.21	0.05	0.37	4.68	0.05	0.87		2.47	0.07		4	4	+20008
+20009	0 29 20	+19 22.0	2	8.25	0.3	1.0	2.72	0.07	0.50	5.50	0.05	2.37		2.78	0.09		4	4	+20009
+20010	0 29 55	+18 31.0	2	0.12	0.7	0.7	2.80	0.11	1.12	5.41	0.07	1.87		2.61	0.13		2	2	+20010
+20011	0 37 16	+21 9.6	2	0.25	0.7	0.2	2.83	0.09	0.37	4.71	0.08	0.31		1.88	0.12		2	2	+20011
+20012	0 43 56	+15 12.7	1	1.25	0.3	3.3	0.15	0.04	0.75	3.06	0.05	1.00		2.91	0.06		4	4	+20012
+20013	0 44 37	+23 59.8	2	3.37	0.3	2.5	1.44	0.06	0.25	3.12	0.08	0.06		1.68	0.10		2	2	+20013
+20014	0 52 31	+24 17.4	2	0.50	0.5	0.1	1.01	0.06	1.06	3.90	0.10	0.12		2.89	0.12		2	2	+20014
+20015	0 54 30	+23 9.1	2	0.63	0.5	0.4	2.29	0.07	0.81	3.73	0.09	0.06		1.44	0.11		2	2	+20015
+20016	1 2 16	+15 58.9	2	0.56	0.3	0.2	2.90	0.08	0.47	5.60	0.06	4.50		2.70	0.10		3	3	+20016
+20017	1 2 35	+18 55.8	3	-	0.7	-	2.34	0.09	-	5.41	0.09	-		3.07	0.13		1	1	+20017
+20018	1 7 31	+15 25.0	1	1.87	0.3	1.6	2.50	0.05	0.47	4.86	0.05	4.75		2.36	0.07		5	4	+20018
+20019	1 7 59	+23 12.4	2	0.12	0.3	0.1	2.60	0.09	0.19	5.77	0.08	0.94		3.17	0.12		2	2	+20019
+20020	1 8 42	+20 45.6	2	0.12	0.5	0.7	2.36	0.10	0.06	4.07	0.09	0.37		1.71	0.13		2	2	+20020
+20021	1 11 1	+24 18.6	2	0.37	0.5	0.9	2.37	0.08	1.22	3.96	0.09	0.09		1.59	0.12		3	3	+20021
+20022	1 20 43	+20 12.2	2	0.12	0.3	0.5	1.73	0.05	2.00	4.56	-	-	Q	2.83	-		2	2	+20022
+20023	1 21 47	+23 41.0	2	1.00	0.3	0.7	1.24	0.05	0.63	4.93	0.07	1.37		3.69	0.09		2	2	+20023
+20024	1 23 6	+22 50.9	2	1.50	0.5	1.0	2.68	0.08	0.87	6.17	0.07	1.62		3.49	0.11		4	4	+20024
+20025	1 25 8	+16 26.7	1	3.75	0.2	0.9	1.75	0.04	3.59	5.84	0.05	2.87		4.09	0.06		5	4	+20025
+20026	1 28 47	+15 5.3	1	1.87	0.2	1.2	1.45	0.04	4.06	2.91	0.06	1.22		1.46	0.07		5	3	+20026
+20027	1 29 7	+15 21.6	1	1.75	0.3	1.2	2.21	0.05	1.50	5.24	0.06	1.50		3.03	0.08		4	4	+20027
+20028	1 32 6	+18 12.2	2	0.12	0.3	0.1	1.85	0.07	0.19	4.40	0.09	0.31		2.55	0.11		2	2	+20028
+20029	1 43 52	+18 49.6	2	0.75	0.3	0.1	0.81	0.06	0.37	4.92	0.06	0.94		4.11	0.08		2	2	+20029
+20030	1 44 40	+21 9.6	2	0.75	0.3	3.2	2.84	0.08	1.69	6.02	0.06	3.00		3.18	0.10		3	3	+20030
+20031	1 51 54	+20 33.9	3	-	0.7	-	2.38	0.11	-	2.82	0.08	-		0.44	0.14		1	1	+20031
+20032	1 52 49	+16 57.0	2	0.12	0.3	0.1	1.87	0.07	1.25	5.34	0.07	0.69		3.47	0.10		2	2	+20032
+20033	1 53 2	+23 20.1	2	0.12	1.7	0.1	2.97	0.13	0.37	4.91	0.06	0.19		1.94	0.14		2	2	+20033
+20034R	1 54 37	+17 34.5	2	0.50	0.8	0.1	2.93	0.13	0.06	4.56	-	-	Q	1.63	-		2	2	+20034
+20035R	1 58 46	+17 42.8	2	0.25	0.3	1.1	2.30	0.09	0.06	5.06	-	-	Q	2.76	-		2	2	+20035
+20036	1 59 41	+16 2.5	2	0.12	0.5	0.4	1.66	0.07	0.06	5.43	0.07	1.75		3.77	0.10		2	2	+20036
+20037	2 0 59	+18 1.2	2	0.12	0.5	0.1	2.78	0.12	0.31	5.21	0.06	1.12		2.43	0.13		2	2	+20037
+20038	2 4 20	+23 14.1	1	0.94	0.3	0.7	-0.63	0.05	0.09	*	-	-		-	-		3	0*	+20038
+20039	2 5 17	+15 34.6	2	0.75	0.3	1.9	2.80	0.09	0.56	5.46	0.07	0.84		2.66	0.11		3	3	+20039
+20040	2 5 25	+24 34.6	2	3.19	0.5	0.7	1.96	0.07	0.75	5.04	0.08	0.06		3.08	0.11		3	2	+20040
+20041	2 7 51	+19 15.6	2	0.56	0.3	0.2	0.89	0.05	0.56	3.70	0.06	0.09		2.81	0.08		3	3	+20041
+20042	2 9 46	+23 56.1	2	0.12	0.3	1.5	2.81	0.10	1.25	4.95	0.08	0.06		2.14	0.13		2	2	+20042
+20043	2 10 19	+15 2.6	2	1.62	0.5	0.5	1.80	0.07	0.25	4.37	0.12	0.37		2.57	0.14		2	2	+20043
+20044	2 18 22	+23 12.2	2	1.25	0.3	0.2	1.61	0.05	0.19	4.87	0.06	0.19		3.26	0.08		2	2	+20044
+20045	2 27 2	+15 50.3	2	0.12	0.5	0.1	2.70	0.11	0.06	6.47	0.10	1.31		3.77	0.15		2	2	+20045
+20046	2 32 11	+22 15.0	2	0.37	0.5	0.2	2.80	0.09	0.06	6.68	0.10	0.50		3.88	0.13		2	2	+20046
+20047	2 37 43	+20 58.3	2	0.37	0.7	0.7	2.83	0.11	0.06	6.06	0.07	1.19		3.23	0.13		2	2	+20047
+20048	2 40 54	+17 20.5	2	1.31	0.5	0.2	2.40	0.07	1.12	5.43	0.06	2.34		3.03	0.09		3	3	+20048
+20049	2 45 33	+17 17.9	2	1.50	0.3	0.1	0.30	0.07	0.06	4.20	0.10	0.06		3.90	0.12		2	2	+20049
+20050	2 45 45	+18 4.4	2	0.25	1.0	0.1	2.89	0.12	0.06	5.03	0.06	0.81		2.14	0.13		2	2	+20050

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+20001	0 2 0 0 0 1 0 0 0 0	7.12	K5			83	+23	4853		-3	0.0	+20001
+20002	0 1 0 0 0 1 0 0 0 0	8.30	M0				+24	6		-1	-0.4	+20002
+20003	0 1 0 0 2 0 0 0 0 0	7.50	M0				+21	10		-3	-0.1	+20003
+20004	0 0 1 0 1 0 0 0 0 0	4.80	M2	III	45	270	+19	27		1	0.1	+20004
+20005	0 1 0 0 2 0 0 0 0 0								BH AND	1	-2.9	+20005
+20006	0 0 1 0 1 0 0 0 0 0	7.30	M3			351	+19	38		1	0.3	+20006
+20007	0 0 2 0 0 1 0 0 0 0	6.90	M3	III	103	543	+17	55	TV PSC	1	-0.2	+20007
+20008	0 0 1 0 0 3 0 0 0 0	5.18	K5	G	106	548	+15	63		1	0.2	+20008
+20009	0 0 1 0 2 1 0 0 0 0	7.32	K5			627	+18	67		1	0.0	+20009
+20010	0 0 1 0 0 1 0 0 0 0	7.03	K5			639	+17	67		0	-0.2	+20010
+20011	0 1 0 0 1 0 0 0 0 0	5.42	K0	II	167	784	+20	87		-2	-0.2	+20011
+20012	0 0 1 0 0 3 0 0 0 0	5.36	M4	G	211	928	+14	111		0	0.6	+20012
+20013	0 1 0 0 0 1 0 0 0 0	4.06	K1	II	215	940	+23	106	ZETA AND	-5	0.0	+20013
+20014	0 1 0 0 0 1 0 0 0 0	6.19	M7	G	259	1096	+23	126		-3	0.2	+20014
+20015	0 1 0 0 0 1 0 0 0 0	4.43	G8	III	271	1136	+22	153		-2	0.2	+20015
+20016	0 0 1 0 0 2 0 0 0 0	7.80	MA				+15	156		-1	0.4	+20016
+20017	0 0 0 0 0 1 0 0 0 0	7.70	MB				+18	145		2	-0.1	+20017
+20018	0 0 2 0 0 3 0 0 0 0	6.19	M0	III	344	1411	+14	175		-2	0.5	+20018
+20019	0 1 0 0 0 1 0 0 0 0	8.10	M0				+22	186		-2	0.3	+20019
+20020	0 0 1 0 1 0 0 0 0 0	4.66	G8	III	351	1437	+20	172		-4	-0.5	+20020
+20021	0 2 0 0 0 1 0 0 0 0	4.66	K0	III	360	1474	+23	158		-1	-0.5	+20021
+20022	0 0 0 0 1 1 0 0 0 0	6.15	K5		397	1677	+19	226		0	-0.3	+20022
+20023	0 1 0 0 0 1 0 0 0 0	8.30	M3				+23	187		0	-0.1	+20023
+20024	0 1 1 0 1 1 0 0 0 0	8.90	M4				+22	227		0	0.0	+20024
+20025	0 0 1 0 0 4 0 0 0 0								ST PSC	-3	0.5	+20025
+20026	0 0 3 0 0 2 0 0 0 0	3.62	G8	III	437	1839	+14	231		-2	-0.1	+20026
+20027	0 0 2 0 0 2 0 0 0 0	8.20	MA				+14	233		-2	-0.5	+20027
+20028	0 0 1 0 0 1 0 0 0 0	5.87	M2	G	450	1900	+17	224		-1	-0.1	+20028
+20029	0 0 1 0 0 1 0 0 0 0								SV PSC	0	-0.5	+20029
+20030	0 0 1 0 1 1 0 0 0 0	8.20	M0				+20	285		-4	-0.1	+20030
+20031	0 0 0 0 0 1 0 0 0 0	2.65	A5	V	553	2309	+20	306		1	0.0	+20031
+20032	0 0 1 0 0 1 0 0 0 0	8.30	MB				+16	217		1	0.3	+20032
+20033	0 0 1 0 0 1 0 0 0 0	5.70	G8	G	559	2323	+22	284	RR ARI	-2	0.1	+20033
+20034R	0 0 1 0 0 1 0 0 0 0	5.08	K1		563	2347	+17	289		0	0.0	+20034
+20035R	0 0 1 0 0 1 0 0 0 0	7.80	MA				+17	302		0	-0.1	+20035
+20036	0 0 1 0 0 1 0 0 0 0								RY ARI	-3	1.0	+20036
+20037	0 0 1 0 0 1 0 0 0 0	6.27	K4	G	609	2483	+17	307		1	0.4	+20037
+20038	0 0 1 0 0 2 0 0 0 0	2.00	K2	III	617	2538	+22	306		-2	0.5	+20038
+20039	0 0 2 0 0 1 0 0 0 0	7.49	K0			2550	+15	305		-3	0.5	+20039
+20040	0 2 0 0 0 1 0 0 0 0	7.90	M0				+24	305		-3	-0.3	+20040
+20041	0 0 1 0 0 2 0 0 0 0	5.76	M3	G	631	2601	+18	277		0	-0.3	+20041
+20042	0 1 0 0 0 1 0 0 0 0	6.06	K0		644	2638	+23	297		-2	0.1	+20042
+20043	0 0 1 0 0 1 0 0 0 0	5.74	M0	III	648	2655	+14	357		-1	-0.2	+20043
+20044	0 0 1 0 0 1 0 0 0 0	7.80	M0				+22	331		-3	0.3	+20044
+20045	0 0 1 0 0 1 0 0 0 0											+20045
+20046	0 0 1 0 0 1 0 0 0 0											+20046
+20047	0 0 1 0 0 1 0 0 0 0	8.00	M0				+20	443		1	-0.2	+20047
+20048	0 0 1 0 0 2 0 0 0 0	7.50	MA				+16	337		2	0.3	+20048
+20049	0 0 1 0 0 1 0 0 0 0	7.40	M6			3364	+16	351	T ARI	1	-0.2	+20049
+20050	0 0 1 0 0 1 0 0 0 0	5.87	K1	G	828	3369	+17	442		1	-0.2	+20050

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+20051	2	53	1	+18	7.3	2	1.31	0.3	0.4	-1.08	0.05	1.41	1.92	-	-	Q	3.00	-		3	1*	+20051
+20052	2	58	43	+21	36.1	2	0.19	0.5	0.6	1.44	0.09	0.66	6.68	0.09	1.03		5.24	0.13		3	3	+20052
+20053	3	5	31	+18	35.5	2	0.37	0.5	0.5	2.33	0.08	0.56	4.90	0.06	0.25		2.57	0.10		2	2	+20053
+20054	3	8	44	+19	32.1	2	0.19	0.3	1.7	2.07	0.06	0.75	3.64	0.06	0.47		1.57	0.08		3	3	+20054
+20055	3	11	5	+18	47.0	2	0.12	0.3	0.1	2.96	0.13	0.19	5.39	0.07	0.31		2.43	0.15		2	2	+20055
+20056	3	19	55	+20	34.1	2	0.12	0.7	0.1	2.33	0.08	0.31	4.22	0.08	0.81		1.89	0.11		2	2	+20056
+20057	3	20	2	+20	42.4	2	0.12	0.7	0.4	2.96	0.14	0.69	6.40	-	-	Q	3.44	-		2	1	+20057
+20058	3	21	8	+19	43.5	2	2.06	0.3	1.1	2.59	0.08	0.37	5.34	0.06	1.22		2.75	0.10		3	3	+20058
+20059	3	21	20	+24	32.1	2	0.12	0.7	0.7	2.91	0.12	0.06	4.73	0.07	0.12		1.82	0.14		2	2	+20059
+20060	3	22	20	+21	1.9	2	1.50	0.5	0.2	2.46	0.09	0.25	5.76	0.07	2.94		3.30	0.11	I	2	2	+20060
+20061	3	24	0	+24	39.0	2	0.12	0.5	3.8	2.72	0.10	0.81	5.88	0.07	0.25		3.16	0.12		2	2	+20061
+20062	3	32	26	+18	44.3	2	0.37	0.3	2.3	2.85	0.09	0.09	5.80	0.07	1.37		2.95	0.11		3	2	+20062
+20063	3	44	35	+23	57.1	2	0.12	0.8	0.1	2.96	0.13	0.06	3.14	0.09	-		0.18	0.16		2	1	+20063
+20064	3	45	8	+24	50.4	2	4.75	0.5	0.2	2.02	0.07	0.06	4.75	0.08	0.06		2.73	0.11		2	2	+20064
+20065	3	50	8	+20	3.8	1	5.50	0.3	1.5	1.71	0.05	1.50	5.56	0.05	5.75		3.85	0.07		4	4	+20065
+20066	3	50	59	+22	58.3	2	2.62	0.3	0.9	2.55	0.08	0.37	6.17	0.08	0.12		3.62	0.11		3	2	+20066
+20067	3	51	6	+15	27.9	2	1.31	0.3	0.6	2.72	0.07	0.75	6.40	0.08	3.37		3.68	0.11		3	3	+20067
+20068	4	1	22	+23	57.8	2	0.12	0.5	0.1	2.68	0.10	0.25	4.71	0.07	0.56		2.03	0.12		2	2	+20068
+20069	4	1	24	+19	4.8	2	3.00	0.3	3.8	2.65	0.07	0.75	6.53	0.07	1.50		3.88	0.10		4	3	+20069
+20070	4	1	46	+21	56.9	2	0.63	0.5	0.2	2.01	0.07	0.63	3.62	0.07	0.63		1.61	0.10		2	2	+20070
+20071	4	5	8	+17	12.9	1	4.69	0.3	0.4	2.32	0.06	0.09	4.66	0.08	0.19		2.34	0.10		3	3	+20071
+20072	4	5	16	+21	25.5	2	1.12	0.5	5.1	2.81	0.09	0.09	6.27	0.08	1.69		3.46	0.12		3	3	+20072
+20073	4	12	24	+23	56.9	2	2.44	0.3	0.6	0.95	0.05	0.09	4.64	0.07	0.44		3.69	0.09		3	2	+20073
+20074	4	16	56	+15	30.2	1	1.12	0.3	0.6	1.50	0.04	0.09	2.95	0.06	1.69		1.45	0.07		3	3	+20074
+20075	4	19	29	+20	42.5	2	0.19	0.3	0.2	1.36	0.05	1.31	4.19	0.07	0.94		2.83	0.09		3	3	+20075
+20076	4	20	5	+17	26.0	2	0.75	0.3	0.7	1.60	0.05	0.09	3.08	0.05	0.47		1.48	0.07		3	3	+20076
+20077	4	20	44	+22	50.8	2	0.25	0.3	1.2	1.99	0.07	0.12	5.10	0.05	3.75		3.11	0.09		4	3	+20077
+20078	4	25	5	+15	55.3	2	0.19	0.3	0.2	1.24	0.04	0.66	5.69	0.07	0.94		4.45	0.08		3	2	+20078
+20079	4	25	35	+16	14.5	2	0.19	0.5	0.2	2.30	0.07	0.75	4.14	0.08	0.09		1.84	0.11		3	3	+20079
+20080	4	25	42	+19	4.3	2	1.31	0.3	1.5	1.31	0.05	1.12	2.81	0.05	0.09		1.50	0.07		3	3	+20080
+20081	4	25	43	+15	50.8	2	4.31	0.5	2.1	1.64	0.06	1.22	3.05	0.07	0.50		1.41	0.09		3	2	+20081
+20082	4	26	7	+24	37.6	2	3.00	0.5	5.8	2.98	0.10	0.75	10.19	-	-	Q	7.21	-		3	3	+20082
+20083	4	27	15	+16	4.0	2	0.19	0.3	2.4	2.17	0.06	0.94	5.44	0.11	-		3.27	0.13		3	1	+20083
+20084	4	28	15	+23	14.4	2	0.12	0.5	1.6	2.81	0.10	0.06	5.56	0.07	0.06		2.75	0.12		2	2	+20084
+20085	4	29	50	+22	33.5	1	0.94	0.3	1.6	2.70	0.06	2.19	8.70	0.28	0.16		6.00	0.29		5	5	+20085
+20086	4	32	9	+17	6.4	2	2.25	0.3	0.2	1.78	0.06	0.12	4.74	0.15	-		2.96	0.16		4	1	+20086
+20087	4	33	4	+16	24.6	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	+20087
+20088	4	38	46	+24	33.5	2	2.06	0.5	0.6	2.99	0.12	0.19	6.84	0.10	0.47		3.85	0.16		3	3	+20088
+20089	4	40	59	+20	40.8	2	2.44	0.3	1.7	2.02	0.06	0.37	6.81	0.09	0.94		4.79	0.11		3	3	+20089
+20090	4	41	4	+17	52.8	2	0.37	0.5	0.9	2.82	0.09	0.19	6.61	0.08	0.06		3.79	0.12		3	2	+20090
+20091	4	42	10	+24	37.4	2	4.50	0.3	5.4	2.80	0.11	0.09	7.74	0.18	0.09		4.94	0.21		3	3	+20091
+20092	4	44	50	+22	3.5	2	1.50	0.3	0.7	2.12	0.06	1.59	5.66	0.06	1.78		3.54	0.08		3	3	+20092
+20093	4	46	52	+15	49.4	2	0.12	0.5	1.6	2.41	0.09	0.44	4.73	0.07	1.12		2.32	0.11		2	2	+20093
+20094	4	47	47	+15	42.5	2	0.12	0.7	0.1	2.76	0.10	0.25	6.69	0.11	1.25		3.93	0.15		2	2	+20094
+20095	4	50	28	+22	41.4	2	10.25	0.3	4.5	2.82	0.08	1.87	7.14	0.11	2.44		4.32	0.14		4	3	+20095
+20096	4	53	10	+18	20.7	2	0.19	0.3	1.3	2.83	0.09	1.12	6.80	0.08	0.47		3.97	0.12		3	3	+20096
+20097	4	54	28	+17	5.3	2	5.00	0.5	0.7	2.69	0.07	0.87	4.66	0.06	1.75		1.97	0.09		4	4	+20097
+20098	4	59	56	+15	14.7	2	0.12	0.3	0.4	2.11	0.08	0.06	6.44	0.10	0.56		4.33	0.13		2	2	+20098
+20099	5	5	23	+21	58.5	2	0.94	0.3	3.8	2.63	0.07	0.28	6.38	0.07	0.28		3.75	0.10		3	3	+20099
+20100	5	6	44	+22	58.0	2	1.75	0.3	0.2	1.51	0.05	1.37	5.37	0.07	0.19		3.86	0.09		4	2	+20100

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+20051	0 0 1 0 0 2 0 0 0 0	5.94	M6	III	867	3517	+17	457	RZ ARI	1	-0.6	+20051
+20052	0 0 2 0 0 1 0 0 0 0											+20052
+20053	0 0 1 0 0 1 0 0 0 0	6.34	M0	G	940	3742	+18	414		0	-0.8	+20053
+20054	0 0 1 0 0 2 0 0 0 0	4.37	K2	III	951	3805	+19	477		-2	-0.2	+20054
+20055	0 0 1 0 0 1 0 0 0 0	6.71	K5			3852	+18	432		0	-0.2	+20055
+20056	0 0 1 0 0 1 0 0 0 0	5.09	K3	III	1015	4026	+20	551		3	0.3	+20056
+20057	0 0 1 0 0 1 0 0 0 0											+20057
+20058	0 0 1 0 0 2 0 0 0 0	7.22	K5			4048	+19	523		-1	-0.3	+20058
+20059	0 0 1 0 0 1 0 0 0 0	5.58	K4	G	1022	4051	+24	481		-1	-0.8	+20059
+20060	0 0 1 0 0 1 0 0 0 0	8.00	M1				+20	558		-1	-0.5	+20060
+20061	0 0 1 0 0 1 0 0 0 0	8.50	K5				+24	490		-2	0.0	+20061
+20062	0 0 2 0 0 1 0 0 0 0	7.87	K5			4276	+18	507		-1	0.0	+20062
+20063	0 0 1 0 0 1 0 0 0 0	2.86	B7	III	1165	4541	+23	541		4	0.0	+20063
+20064	0 0 1 0 0 1 0 0 0 0	6.77	K5			4558	+24	571		1	0.2	+20064
+20065	0 0 1 0 0 2 1 0 0 0	8.90					+19	607	BL TAU	0	0.0	+20065
+20066	0 0 1 0 0 2 0 0 0 0	8.90	M0				+22	591		1	-0.7	+20066
+20067	0 0 1 0 0 2 0 0 0 0	9.10					+15	546		0	0.0	+20067
+20068	0 0 1 0 0 1 0 0 0 0	5.56	G0	III	1252	4886	+23	609		0	-0.4	+20068
+20069	0 0 1 0 0 1 2 0 0 0											+20069
+20070	0 0 1 0 0 1 0 0 0 0	4.37	K0	III	1256	4897	+21	585		2	0.1	+20070
+20071	0 0 1 0 0 0 2 0 0 0	5.92	K5	G	1280	4971	+16	560		0	0.4	+20071
+20072	0 0 1 0 0 2 0 0 0 0	8.90	M0				+21	592		0	0.1	+20072
+20073	0 0 2 0 0 1 0 0 0 0	8.30	M3				+23	654		0	-0.4	+20073
+20074	0 0 1 0 0 2 0 0 0 0	3.66	K0	III	1346	5226	+15	612		-1	-0.3	+20074
+20075	0 0 1 0 0 1 1 0 0 0	6.04	M0	G	1370	5289	+20	744		3	0.2	+20075
+20076	0 0 1 0 0 0 2 0 0 0	3.76	K0	III	1373	5304	+17	712		1	0.4	+20076
+20077	0 0 2 0 0 2 0 0 0 0	7.20	M0				+22	686		-1	-0.2	+20077
+20078	0 0 1 0 0 2 0 0 0 0								W TAU	-1	-0.8	+20078
+20079	0 0 1 0 0 2 0 0 0 0	5.10	K2	III	1407	5427	+16	605		0	-0.5	+20079
+20080	0 0 1 0 0 0 2 0 0 0	3.54	K0	III	1409	5430	+18	640		0	0.0	+20080
+20081	0 0 1 0 0 2 0 0 0 0	3.85	K0	III	1411	5433	+15	631		0	-0.4	+20081
+20082	0 0 1 0 0 2 0 0 0 0											+20082
+20083	0 0 1 0 0 2 0 0 0 0	8.10	MA				+15	635		1	0.2	+20083
+20084	0 0 1 0 0 1 0 0 0 0	7.22	K2			5494	+23	702		2	0.0	+20084
+20085	0 0 1 0 0 3 1 0 0 0	.										+20085
+20086	0 0 1 0 0 1 2 0 0 0	7.12	K5			5586	+16	625		-1	0.4	+20086
+20087	0 0 1 0 0 2 2 0 0 0	0.86	K5	III	1457	5605	+16	629		0	- 0.0	+20087
+20088	0 0 1 1 0 1 0 0 0 0											+20088
+20089	0 0 1 0 0 1 1 0 0 0											+20089
+20090	0 0 0 0 0 0 3 0 0 0											+20090
+20091	0 0 1 1 0 1 0 0 0 0											+20091
+20092	0 0 1 0 0 1 1 0 0 0	8.40	M0				+21	702		1	0.4	+20092
+20093	0 0 1 0 0 1 0 0 0 0	6.22	K3	G	1537	5873	+15	687		0	0.3	+20093
+20094	0 0 1 0 0 1 0 0 0 0											+20094
+20095	0 0 1 0 0 2 1 0 0 0											+20095
+20096	0 0 1 0 0 0 2 0 0 0											+20096
+20097	0 0 2 0 0 0 2 0 0 0	5.48	K1	G	1585	6040	+16	672		-2	0.6	+20097
+20098	0 0 1 0 0 1 0 0 0 0								GP ORI	-2	-0.3	+20098
+20099	0 0 1 0 0 1 1 0 0 0											+20099
+20100	0 0 1 0 0 2 1 0 0 0											+20100

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+20101	5 8 17	+24 20.1	2	0.12	0.7	0.9	2.93	0.13	2.06	6.17	0.08	0.63		3.24	0.15		2	2	+20101
+20102	5 8 47	+15 59.4	2	3.12	0.3	0.7	1.56	0.05	0.25	3.88	0.09	0.56		2.32	0.10		2	2	+20102
+20103	5 10 59	+17 23.9	2	1.50	0.3	0.4	2.75	0.08	0.28	6.22	0.07	0.66		3.47	0.11		3	3	+20103
+20104	5 15 57	+24 41.9	2	0.12	0.5	0.1	2.15	0.08	0.06	6.50	0.10	0.06		4.35	0.13		2	2	+20104
+20105	5 16 17	+22 2.9	1	1.25	0.3	2.5	2.89	0.07	3.37	4.41	0.07	0.37		1.52	0.10		4	3	+20105
+20106	5 24 17	+23 4.0	2	0.50	0.3	1.5	1.75	0.05	4.25	5.84	0.06	1.31		4.09	0.08		4	3	+20106
+20107	5 25 8	+17 12.0	2	1.25	0.3	2.0	1.81	0.05	1.12	4.32	0.06	0.25		2.51	0.08		4	4	+20107
+20108	5 27 4	+16 6.3	2	0.37	0.5	1.4	2.16	0.08	0.06	5.21	0.07	3.50		3.05	0.11	I	2	2	+20108
+20109	5 27 16	+22 30.2	1	1.50	0.3	3.0	2.38	0.04	2.44	5.68	0.06	3.94		3.30	0.07		6	3	+20109
+20110	5 28 6	+20 9.1	2	0.25	0.3	1.0	2.64	0.07	0.63	6.03	0.05	2.50		3.39	0.09		4	4	+20110
+20111	5 28 8	+18 31.5	1	0.50	0.3	0.7	1.39	0.04	1.25	4.95	0.04	0.50		3.56	0.06		4	4	+20111
+20112	5 29 16	+18 33.8	1	0.25	0.3	2.5	-1.03	0.05	1.25	*	-	-		-	-		4	0*	+20112
+20113	5 34 38	+21 6.8	2	1.12	0.5	0.2	2.87	0.09	0.09	3.32	0.06	3.47		0.45	0.11		3	3	+20113
+20114	5 35 10	+21 52.3	2	0.94	0.3	1.7	2.66	0.08	1.12	6.05	0.06	2.16		3.39	0.10		3	3	+20114
+20115	5 35 12	+22 47.8	1	2.81	0.3	1.9	2.95	0.08	0.78	8.07	0.18	0.47		5.12	0.20		5	5	+20115
+20116	5 35 26	+24 58.1	2	1.50	0.3	0.1	0.35	0.05	0.19	4.84	0.06	0.69		4.49	0.08		2	2	+20116
+20117	5 35 56	+16 54.8	2	0.50	0.5	0.5	2.70	0.07	0.63	6.47	0.06	9.25		3.77	0.09	I	4	4	+20117
+20118	5 38 28	+17 29.9	1	0.75	0.3	2.0	1.78	0.04	0.87	4.81	-	-	Q	3.03	-		4	4	+20118
+20119	5 39 2	+18 31.0	1	1.00	0.3	1.2	2.60	0.06	1.12	6.47	0.06	0.87		3.87	0.08		4	4	+20119
+20120	5 42 10	+24 24.4	2	0.37	0.3	1.1	1.76	0.06	0.75	5.84	0.06	1.97		4.08	0.08		3	3	+20120
+20121	5 42 40	+20 40.5	1	1.50	0.3	0.7	0.39	0.05	0.63	4.35	0.06	1.12		3.96	0.08		4	4	+20121
+20122R	5 44 52	+24 40.9	2	2.81	0.7	5.1	2.92	0.12	0.09	5.25	-	-	Q	2.33	-		3	3	+20122
+20123	5 45 59	+24 33.4	2	0.75	0.3	2.6	2.54	0.08	0.75	4.22	0.07	0.37		1.68	0.11		3	3	+20123
+20124	5 48 50	+23 22.9	2	0.12	0.7	0.1	2.80	0.13	0.12	5.45	0.07	0.06		2.65	0.15		2	2	+20124
+20125	5 50 11	+18 57.0	2	0.50	0.5	0.2	2.77	0.07	0.75	6.09	0.05	2.25		3.32	0.09		4	4	+20125
+20126	5 51 25	+20 16.2	1	2.81	0.3	4.1	2.99	0.07	2.03	4.03	0.06	0.25		1.04	0.09		5	4	+20126
+20127	5 52 51	+20 10.4	1	3.25	0.3	1.2	-0.49	0.05	32.00	4.91	0.08	16.00		5.40	0.09	K,I	4	2	+20127
+20128	5 53 58	+20 17.1	1	0.50	0.3	1.2	2.14	0.05	2.50	6.17	0.06	15.62		4.03	0.08	I	4	4	+20128
+20129	5 54 5	+22 50.0	1	2.19	0.2	1.2	0.92	0.04	0.47	4.49	0.05	5.16		3.57	0.06		5	5	+20129
+20130	6 0 13	+16 24.5	3	0.12	1.3	0.1	2.96	0.15	0.06	7.19	0.16	16.00		4.23	0.22	I	2	2	+20130
+20131	6 1 5	+23 16.1	2	0.56	0.3	1.5	2.21	0.06	1.12	3.55	0.06	1.69		1.34	0.08		3	3	+20131
+20132	6 1 5	+21 14.0	1	0.75	0.3	2.6	2.70	0.07	1.12	7.43	0.12	1.12		4.73	0.14		6	4	+20132
+20133	6 6 32	+22 12.1	1	3.25	0.3	0.7	2.08	0.05	0.50	4.60	0.05	0.63		2.52	0.07		4	4	+20133
+20134	6 8 52	+21 53.3	1	0.63	0.2	4.4	0.99	0.04	1.25	4.17	0.06	0.50		3.18	0.07		5	4	+20134
+20135	6 8 55	+23 13.4	2	1.25	0.3	0.7	1.82	0.07	0.06	5.02	0.06	0.69		3.20	0.09		2	2	+20135
+20136	6 9 16	+22 55.0	1	1.00	0.3	0.2	0.97	0.05	0.50	4.07	0.06	1.87		3.10	0.08		4	3	+20136
+20137	6 10 6	+20 39.3	2	1.50	0.5	1.5	2.71	0.07	2.37	7.20	0.10	7.25		4.49	0.12	I	4	4	+20137
+20138	6 10 26	+18 33.8	1	4.31	0.3	0.2	1.60	0.04	2.62	6.09	-	-	Q	4.49	-		3	3	+20138
+20139	6 11 50	+22 31.7	1	1.25	0.3	1.0	-1.49	0.05	1.12	*	-	-		-	-		4*	0*	+20139
+20140	6 12 31	+17 46.1	2	1.50	0.3	1.3	2.35	0.06	0.09	5.70	0.06	2.53		3.35	0.08		3	3	+20140
+20141	6 12 46	+18 18.9	2	3.00	0.3	1.5	2.87	0.07	0.19	5.36	0.05	1.87		2.49	0.09		3	3	+20141
+20142	6 13 30	+17 11.7	2	0.19	0.7	0.7	2.81	0.08	0.66	5.21	0.05	3.84		2.40	0.09		3	3	+20142
+20143	6 13 32	+16 41.8	1	2.25	0.3	1.5	2.54	0.06	2.06	6.98	0.07	2.34		4.44	0.09		6	5	+20143
+20144	6 19 58	+22 32.8	2	0.25	0.3	0.2	-1.89	0.07	0.25	*	-	-		-	-		2*	0*	+20144
+20145	6 23 17	+19 6.1	2	2.44	0.3	0.7	2.55	0.07	0.94	6.68	0.08	0.09		4.13	0.11		3	3	+20145
+20146	6 24 56	+20 35.4	2	0.19	0.3	1.9	2.55	0.06	0.28	6.11	-	-	Q	3.56	-		3	3	+20146
+20147	6 26 7	+16 38.4	1	1.87	0.2	8.6	1.06	0.04	1.69	5.63	0.04	2.44		4.57	0.06		6	6	+20147
+20148	6 27 17	+15 0.6	1	1.00	0.3	10.5	2.68	0.07	3.87	6.87	0.09	4.37		4.19	0.11		4	4	+20148
+20149	6 27 54	+23 29.5	2	1.62	0.5	0.2	2.97	0.13	0.19	6.89	0.13	0.06		3.92	0.18		2	2	+20149
+20150	6 29 41	+23 8.7	2	0.75	1.2	0.6	2.97	0.13	0.19	6.32	0.09	0.56		3.35	0.16		3	3	+20150

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+20151	6	30	20	+15	52.1	1	5.00	0.3	2.2	2.26	0.06	1.25	5.74	0.05	2.19		3.48	0.08		5	5	+20151
+20152	6	31	32	+16	7.3	1	6.25	0.3	2.2	1.45	0.05	0.31	6.04	0.06	3.75		4.59	0.08		5	5	+20152
+20153	6	34	8	+21	9.2	2	1.25	0.3	1.0	1.69	0.05	0.87	5.40	0.05	4.50		3.71	0.07		4	4	+20153
+20154	6	34	49	+16	26.7	1	18.75	0.2	7.5	1.88	0.04	6.75	*	-	-		-	-		6	0*	+20154
+20155	6	36	2	+19	17.5	2	0.37	0.3	1.7	2.33	0.05	0.37	5.74	0.06	5.44		3.41	0.08	I	3	3	+20155
+20156	6	37	2	+20	31.7	1	1.00	0.3	0.7	2.36	0.05	0.50	5.46	0.05	0.75		3.10	0.07		4	4	+20156
+20157	6	38	38	+21	54.3	2	2.00	0.3	2.0	2.89	0.09	0.12	6.56	0.07	3.25		3.67	0.11		4	4	+20157
+20158	6	40	40	+22	59.0	1	3.44	0.3	1.9	2.63	0.09	1.25	6.19	0.08	2.81		3.56	0.12		5	3	+20158
+20159	6	44	46	+21	44.6	1	1.25	0.3	3.8	2.77	0.07	0.25	5.46	0.05	1.50		2.69	0.09		4	4	+20159
+20160	6	48	22	+15	8.5	1	1.25	0.3	0.3	2.89	0.08	0.63	5.72	0.05	3.44		2.83	0.09		5	5	+20160
+20161	6	48	58	+23	39.4	2	0.75	0.5	0.2	2.22	0.09	0.09	4.55	0.07	0.09		2.33	0.11		3	3	+20161
+20162	6	49	46	+18	41.5	2	0.19	0.7	1.9	2.91	0.09	0.28	7.41	0.11	0.09		4.50	0.14		3	3	+20162
+20163	6	57	23	+16	8.7	1	1.50	0.3	1.2	2.03	0.06	1.37	4.46	0.06	1.25		2.43	0.08		4	4	+20163
+20164	6	59	2	+19	25.5	1	5.31	0.3	0.6	2.80	0.08	1.25	6.44	0.06	4.69		3.64	0.10		5	5	+20164
+20165	6	59	23	+24	15.9	2	0.12	1.0	0.5	2.99	0.14	0.06	4.60	0.06	0.06		1.61	0.15		2	2	+20165
+20166	6	59	31	+17	49.5	2	0.37	0.3	0.9	0.79	0.06	0.19	3.74	0.08	1.25		2.95	0.10		3	2	+20166
+20167	6	59	38	+16	44.5	1	1.56	0.2	2.8	1.58	0.04	0.47	4.24	0.06	0.78		2.66	0.07		5	5	+20167
+20168	6	59	46	+17	33.8	2	0.75	0.3	0.2	2.40	0.07	0.09	6.88	0.10	0.47		4.48	0.12		3.	3	+20168
+20169	7	1	10	+20	38.6	1	0.94	0.3	0.9	2.12	0.06	1.12	3.25	0.05	6.19		1.13	0.08	I	3	3	+20169
+20170	7	4	17	+24	14.9	2	0.37	0.3	0.1	2.37	0.10	0.69	5.02	0.07	0.06		2.65	0.12		2	2	+20170
+20171	7	4	19	+22	46.5	1	6.00	0.2	3.8	2.12	0.05	6.94	6.71	0.08	30.00		4.59	0.09	I	6	5	+20171
+20172	7	5	10	+24	10.9	2	0.12	0.3	0.7	1.17	0.06	0.06	5.79	0.08	0.12		4.62	0.10		2	2	+20172
+20173	7	8	12	+24	44.8	2	0.50	0.5	0.1	2.85	0.13	0.06	5.90	0.08	0.06		3.05	0.15		2	2	+20173
+20174	7	9	58	+17	43.9	2	0.37	0.5	0.2	2.73	0.10	0.50	6.14	0.08	2.12		3.41	0.13		2	2	+20174
+20175	7	10	30	+16	14.5	1	1.25	0.3	2.3	-0.23	0.05	3.75	2.71	0.05	1.75		2.94	0.07		4	4	+20175
+20176	7	11	38	+24	58.6	2	0.12	0.3	0.1	2.08	0.08	0.06	4.48	0.06	0.06		2.40	0.10		2	2	+20176
+20177	7	17	10	+22	4.6	1	3.00	0.3	1.2	2.72	0.07	0.87	3.37	0.05	0.50		0.65	0.09		4	4	+20177
+20178	7	18	57	+20	32.3	1	0.56	0.3	1.5	1.43	0.04	1.50	3.72	0.06	0.75		2.29	0.07		3	3	+20178
+20179	7	24	41	+22	14.6	2	1.50	0.3	2.3	2.59	0.07	0.66	5.26	0.06	0.09		2.67	0.09		3	3	+20179
+20180	7	26	20	+22	53.6	2	6.56	0.3	1.6	2.34	0.07	1.41	5.52	0.05	4.84		3.18	0.09		5	5	+20180
+20181	7	28	13	+20	39.0	1	1.31	0.3	0.7	1.77	0.06	1.03	6.31	0.08	1.25		4.54	0.10		3	2	+20181
+20182	7	28	58	+17	11.7	2	0.25	0.5	0.9	2.95	0.12	0.06	4.74	0.09	0.12		1.79	0.15		2	2	+20182
+20183	7	30	56	+18	26.5	2	0.63	0.5	0.1	2.92	0.11	0.12	5.98	0.07	0.06		3.06	0.13		2	2	+20183
+20184	7	31	59	+24	23.9	2	0.19	0.7	2.3	2.96	0.18	1.41	6.00	0.13	-		3.04	0.22		3	1	+20184
+20185	7	36	38	+17	47.6	2	0.12	0.3	0.1	1.19	0.07	0.06	3.61	0.08	0.75		2.42	0.11		2	2	+20185
+20186	7	37	59	+23	8.2	2	0.75	0.5	0.6	2.29	0.11	0.31	4.65	0.08	0.06		2.36	0.14		2	2	+20186
+20187	7	38	11	+20	32.8	1	7.31	0.3	1.3	1.22	0.04	0.94	5.12	0.05	12.37		3.90	0.06	I	3	3	+20187
+20188	7	41	26	+24	30.6	2	0.12	0.3	0.1	1.48	0.06	0.06	2.86	0.07	0.12		1.38	0.09		2	2	+20188
+20189	7	43	16	+18	37.9	2	0.25	0.3	1.1	1.32	0.06	0.63	3.52	0.07	0.75		2.20	0.09		2	2	+20189
+20190	7	51	18	+21	14.0	1	5.62	0.3	2.3	2.53	0.07	1.69	5.29	0.06	0.50		2.76	0.09		6	4	+20190
+20191R	7	54	9	+15	55.5	2	2.00	0.3	2.8	2.89	0.09	1.62	4.90	-	-	Q	2.01	-		4	4	+20191
+20192	7	54	14	+21	27.0	2	0.50	0.8	1.0	3.49	0.16	9.00	7.30	0.11	16.97		3.81	0.19	K,I	4	3	+20192
+20193	7	55	39	+16	39.1	1	3.44	0.3	3.1	2.75	0.08	1.09	4.99	0.05	1.50		2.24	0.09		5	4	+20193
+20194	7	57	56	+17	26.7	2	0.12	0.3	0.1	2.57	0.09	0.25	4.74	0.09	0.06		2.17	0.13		2	2	+20194
+20195	8	3	19	+22	46.8	1	1.87	0.2	0.3	1.33	0.04	1.56	4.05	0.06	1.25		2.72	0.07		5	5	+20195
+20196	8	7	10	+17	9.6	2	1.87	0.3	1.7	2.56	0.08	1.41	5.30	0.10	-		2.74	0.13		3	1	+20196
+20197	8	8	26	+19	17.9	1	1.69	0.3	0.4	1.43	0.05	0.19	5.47	-	-	Q	4.04	-		3	3	+20197
+20198	8	11	44	+24	53.4	2	0.12	0.3	1.5	1.14	0.06	0.81	4.79	0.06	10.62		3.65	0.08	I	2	2	+20198
+20199	8	19	37	+15	9.6	1	4.06	0.3	1.9	1.10	0.05	1.41	4.67	0.04	6.75		3.57	0.06	I	5	4	+20199
+20200	8	28	45	+18	15.0	2	0.25	0.3	1.1	1.42	0.06	1.25	3.84	0.07	0.87		2.42	0.09		2	2	+20200

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+20101	0 0 0 1 0 1 0 0 0 0	8.50	M0				+24	776		0	-0.9	+20101
+20102	0 0 1 0 0 1 0 0 0 0	5.18	K5	III	1684	6350	+15	759		-2	0.2	+20102
+20103	0 0 1 0 0 0 2 0 0 0	9.00	MC				+17	875		-1	0.1	+20103
+20104	0 0 0 1 0 1 0 0 0 0											+20104
+20105	0 0 1 0 0 1 2 0 0 0	4.94	G8	III	1739	6506	+21	816		1	0.1	+20105
+20106	0 0 2 0 0 1 1 0 0 0											+20106
+20107	0 0 1 0 0 0 3 0 0 0	6.86	M1	G	1816	6733	+17	931		0	0.0	+20107
+20108	0 0 1 0 0 1 0 0 0 0	7.38	M0			6789	+16	792		-2	-0.5	+20108
+20109	0 0 1 0 0 2 3 0 0 0	8.40	M3			6794	+22	922		1	0.1	+20109
+20110	0 0 1 1 0 1 1 0 0 0	8.40	K5				+20	974		-2	0.0	+20110
+20111	0 0 1 1 0 0 2 0 0 0	8.40	MB				+18	867	DV TAU	-2	0.1	+20111
+20112	0 0 1 1 0 0 2 0 0 0	4.35	M2	II	1845	6841	+18	875	CE TAU	-2	0.2	+20112
+20113	0 0 1 0 0 1 1 0 0 0	2.99	B2	IV	1910	6985	+21	908		-2	-0.1	+20113
+20114	0 0 1 0 0 1 1 0 0 0	8.80	M0				+21	912		1	0.0	+20114
+20115	0 0 1 0 0 2 2 0 0 0											+20115
+20116	0 0 0 1 0 1 0 0 0 0	9.10	G0				+24	897	GP TAU	1	0.1	+20116
+20117	0 0 1 0 0 1 2 0 0 0											+20117
+20118	0 0 1 0 0 0 3 0 0 0	7.50	MA				+17	979		0	0.0	+20118
+20119	0 0 0 1 0 0 3 0 0 0	9.10	MC				+18	915	DY TAU	-2	0.0	+20119
+20120	0 0 0 1 0 1 1 0 0 0	10.00	N3				+24	943	TU TAU	0	0.4	+20120
+20121	0 0 1 1 0 1 1 0 0 0	6.93	C7		1977		+20	1083	Y TAU	-1	-0.1	+20121
+20122R	0 0 0 1 0 1 1 0 0 0	7.16	K2			7248	+24	963		0	0.7	+20122
+20123	0 0 0 1 0 1 1 0 0 0	4.87	G8	III	2002	7283	+24	970		1	0.2	+20123
+20124	0 0 1 0 0 0 1 0 0 0	7.05	K5			7350	+23	1087		2	0.6	+20124
+20125	0 0 0 1 0 0 3 0 0 0	8.70	K7			7390	+18	997		-2	0.5	+20125
+20126	0 0 1 1 0 1 2 0 0 0	4.41	G0	V	2047	7419	+20	1162		0	0.1	+20126
+20127	0 0 1 1 0 1 1 0 0 0	5.40	M8	G	2063	7457	+20	11711	U ORI	0	0.3	+20127
+20128	0 0 1 1 0 1 1 0 0 0											+20128
+20129	0 0 1 0 0 2 2 0 0 0	8.00	M3				+22	1109	BQ ORI	-1	0.0	+20129
+20130	0 0 1 0 0 1 0 0 0 0								RR ORI	4	1.7	+20130
+20131	0 0 1 0 0 1 1 0 0 0	4.15	G5	G	2134	7676	+23	1170		0	0.1	+20131
+20132	1 0 1 0 0 2 2 0 0 0								V342 ORI	3	0.4	+20132
+20133	0 0 2 0 0 1 1 0 0 0	5.89	K4	G	2169	7824	+22	1198		0	0.1	+20133
+20134	1 0 1 0 0 2 1 0 0 0	7.00	M1	II	2190	7881	+21	1146	TV GEM	1	0.4	+20134
+20135	0 0 1 0 0 0 1 0 0 0	7.70	K5				+23	1243	WY GEM	1	0.2	+20135
+20136	0 0 1 0 0 1 2 0 0 0	6.11	M1	II	2197	7896	+22	1220	BU GEM	-2	-0.3	+20136
+20137	0 0 1 1 0 1 1 0 0 0											+20137
+20138	0 0 0 1 0 0 2 0 0 0								GI ORI	0	0.2	+20138
+20139	1 0 1 0 0 1 3 0 0 0	3.30	M3	III	2216	7969	+22	1241	ETA GEM	-2	0.4	+20139
+20140	0 0 1 0 0 0 2 0 0 0	8.80	MA				+17	1187		-3	0.1	+20140
+20141	0 0 0 1 0 0 2 0 0 0	6.85	K0			7994	+18	1141		0	0.0	+20141
+20142	0 0 1 0 0 0 2 0 0 0	6.34	K5	II	2235	8025	+17	1191		0	-0.2	+20142
+20143	0 0 1 1 0 1 3 0 0 0											+20143
+20144	1 0 1 0 0 2 3 0 0 0	2.86	M3	III	2286	8208	+22	1304		2	0.3	+20144
+20145	0 0 0 1 0 0 2 0 0 0								AB GEM	0	-0.1	+20145
+20146	0 0 0 1 0 1 1 0 0 0											+20146
+20147	0 0 1 1 0 1 3 0 0 0								AQ GEM	0	0.7	+20147
+20148	0 0 0 1 0 2 1 0 0 0											+20148
+20149	0 0 1 0 0 0 1 0 0 0											+20149
+20150	1 0 1 0 0 0 1 0 0 0	9.00	M3				+23	1389		2	-0.6	+2015C

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+20151	0 0 1 1 0 2 1 0 0 0	9.00	MD				+15	1236		1	0.2	+20151
+20152	0 0 1 1 0 2 1 0 0 0								CR GEM	1	0.3	+20152
+20153	1 0 1 0 0 1 1 0 0 0								AX GEM	1	-0.8	+20153
+20154	0 0 1 1 0 2 2 0 0 0	1.93	A0	IV	2421	8633	+16	1223		0	0.1	+20154
+20155	0 0 0 1 0 0 2 0 0 0	8.50	MC				+19	1423		0	0.0	+20155
+20156	0 0 0 2 0 1 1 0 0 0	8.20	M0				+20	1521		1	-0.3	+20156
+20157	1 0 1 0 0 1 1 0 0 0								DI GEM	0	0.0	+20157
+20158	1 0 1 0 0 1 2 0 0 0								DE GEM	-1	-0.3	+20158
+20159	1 0 1 0 0 1 1 0 0 0	7.30	M0				+21	1383		-3	-0.2	+20159
+20160	0 0 0 2 0 2 1 0 0 0	7.40	K5				+15	1347		-2	0.3	+20160
+20161	1 0 1 0 0 0 1 0 0 0	5.62	K5	G	2533	8976	+23	1518		0	-0.4	+20161
+20162	0 0 0 1 0 0 2 0 0 0											+20162
+20163	0 0 0 1 0 2 1 0 0 0	5.62	K4	C	2615	9200	+16	1354		-1	-0.2	+20163
+20164	0 0 0 1 0 1 3 0 0 0											+20164
+20165	0 0 0 1 0 0 1 0 0 0	5.16	G5	II	2630	9263	+24	1502		1	-1.4	+20165
+20166	0 0 1 1 0 0 1 0 0 0	6.00	M1		2631	9270	+17	1479		0	-0.2	+20166
+20167	0 0 0 1 0 2 2 0 0 0	5.86	M2	G	2635	9275	+16	1363		-2	-0.4	+20167
+20168	0 0 1 1 0 0 1 0 0 0											+20168
+20169	0 0 0 1 0 1 1 0 0 0	4.15	F7	II	2650	9313	+20	1687	ZTA GEM	1	-0.1	+20169
+20170	0 0 0 1 0 0 1 0 0 0	6.90	M0			9385	+24	1531		2	0.0	+20170
+20171	1 0 1 0 0 1 3 0 0 0	6.50	S3		2671	9390	+22	1577	R GEM	-2	-0.4	+20171
+20172	0 0 0 1 0 0 1 0 0 0											+20172
+20173	0 0 0 1 0 0 1 0 0 0	8.10	M0				+24	1549		0	-0.1	+20173
+20174	0 0 0 1 0 0 1 0 0 0								UZ GEM	-2	-0.5	+20174
+20175	0 0 0 1 0 2 1 0 0 0	5.08	M4	III	2717	9551	+16	1417	BQ GEM	0	-0.2	+20175
+20176	0 0 0 1 0 0 1 0 0 0	5.82	M1	III	2725	9585	+25	1618		0	0.2	+20176
+20177	1 0 0 0 0 1 2 0 0 0	3.52	F0	IV	2777	9755	+22	1645		1	0.1	+20177
+20178	0 0 0 1 0 1 1 0 0 0	5.10	M0	G	2795	9808	+20	1775		-3	-0.1	+20178
+20179	1 0 0 0 0 1 1 0 0 0	6.92	K5			9955	+22	1687		0	0.0	+20179
+20180	2 0 0 0 0 1 2 0 0 0	8.50	M0				+23	1728		1	0.1	+20180
+20181	0 0 0 1 0 1 1 0 0 0											+20181
+20182	0 0 0 1 0 0 1 0 0 0	5.50	K2	G	2877	10073	+17	1596		2	0.1	+20182
+20183	0 0 0 1 0 0 1 0 0 0	8.00	MB				+18	1661		0	0.0	+20183
+20184	0 0 0 1 0 0 2 0 0 0	7.91	M0			10136	+24	1705		1	1.3	+20184
+20185	0 0 0 1 0 0 1 0 0 0	5.05	M0	G	2938	10276	+18	1701		3	0.2	+20185
+20186	1 0 0 0 0 0 1 0 0 0	6.05	K5		2951	10318	+23	1780		0	0.1	+20186
+20187	0 0 0 1 0 1 1 0 0 0								Y GEM	-2	0.0	+20187
+20188	0 0 0 1 0 0 1 0 0 0	3.57	G8	III	2985	10403	+24	1759		0	-0.6	+20188
+20189	0 0 0 1 0 0 1 0 0 0	4.90	K5	III	3003	10456	+18	1733		1	-0.1	+20189
+20190	2 0 0 0 0 2 2 0 0 0	7.01	M0			10671	+21	1714		1	-0.2	+20190
+20191R	0 0 0 2 0 1 1 0 0 0	5.81	K3	G	3095	10742	+16	1590		0	0.0	+20191
+20192	2 0 0 0 0 1 1 0 0 0								XY GEM	1	-0.6	+20192
+20193	0 0 0 2 0 1 2 0 0 0	6.18	K0			10773	+16	1598		-2	-0.2	+20193
+20194	0 0 0 1 0 0 1 0 0 0	5.55	K3	G	3128	10845	+17	1731		1	-0.1	+20194
+20195	1 0 0 0 0 1 3 0 0 0	6.04	M3	G	3169	10988	+23	1887		-3	0.0	+20195
+20196	0 0 0 2 0 0 1 0 0 0	7.43	M0			11079	+17	1778		0	-0.3	+20196
+20197	0 0 0 2 0 0 1 0 0 0	9.00					+19	1947	VV CNC	2	0.0	+20197
+20198	0 0 0 1 0 0 1 0 0 0	7.50	M8				+25	1880	RX CNC	0	0.1	+20198
+20199	1 0 0 2 0 1 1 0 0 0	8.80	MC				+15	1808	Z CNC	0	0.4	+20199
+20200	0 0 0 1 0 0 1 0 0 0	5.32	K5	III	3357	11659	+18	1963		0	-0.9	+20200

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+20201	8 29 47	+20 36.8	2	0.19	0.3	2.1	2.55	0.07	1.87	4.50	0.08	1.12		1.95	0.11		3	3	+20201
+20202	8 35 52	+21 19.7	1	3.00	0.3	4.8	2.65	0.07	0.87	6.06	0.07	3.37		3.41	0.10		4	4	+20202
+20203	8 38 50	+16 30.7	1	2.19	0.3	1.6	2.49	0.06	0.78	6.11	-	-	Q	3.62	-		5	5	+20203
+20204	8 40 22	+20 47.1	2	7.87	0.3	1.3	2.38	0.06	1.50	5.79	0.06	3.94		3.41	0.08		3	3	+20204
+20205	8 41 52	+18 18.9	2	1.50	0.3	1.5	1.52	0.05	0.06	3.13	0.06	1.62		1.61	0.08		2	2	+20205
+20206	8 52 36	+17 25.9	1	2.00	0.3	6.3	0.30	0.04	2.37	3.90	0.07	0.66		3.60	0.08		4	3	+20206
+20207	8 53 49	+20 2.5	2	0.19	0.3	0.4	1.36	0.05	0.09	5.92	0.07	6.31		4.56	0.09	I	3	2	+20207
+20208	8 56 25	+18 18.9	2	0.12	0.3	0.5	1.21	0.05	0.06	4.11	-	-	Q	2.90	-		2	2	+20208
+20209	9 12 30	+15 9.1	1	1.56	0.3	0.9	2.41	0.07	0.63	4.39	0.07	0.50		1.98	0.10		5	4	+20209
+20210	9 24 53	+23 32.9	2	1.25	0.3	0.5	2.90	0.09	0.87	6.13	0.07	0.25		3.23	0.11		4	4	+20210
+20211	9 28 53	+23 11.0	1	1.00	0.3	0.7	0.66	0.06	0.12	2.87	0.07	0.12		2.21	0.09		4	4	+20211
+20212	9 31 8	+23 40.3	1	0.31	0.3	5.9	2.75	0.08	2.19	5.02	0.05	0.16		2.27	0.09		5	5	+20212
+20213	9 34 19	+16 40.1	1	2.62	0.3	1.3	2.98	0.07	3.94	4.88	0.04	1.75		1.90	0.08		7	7	+20213
+20214	9 38 44	+24 4.3	1	2.62	0.3	6.0	2.95	0.07	2.62	6.51	0.07	1.87		3.56	0.10		6	4	+20214
+20215	9 42 59	+24 0.1	1	13.50	0.2	2.0	1.14	0.04	2.00	2.33	0.08	-		1.19	0.09		8	1*	+20215
+20216	10 3 11	+18 20.5	2	0.12	0.3	1.5	1.99	0.06	0.12	5.76	0.07	6.50		3.77	0.09	I	2	2	+20216
+20217	10 5 29	+17 36.1	1	2.50	0.2	3.4	1.90	0.04	1.56	5.45	0.05	0.78		3.55	0.06		5	5	+20217
+20218	10 13 55	+23 40.1	1	3.12	0.3	1.9	2.56	0.08	1.41	3.28	0.09	-		0.72	0.12		5	1	+20218
+20219	10 17 11	+20 5.6	1	1.56	0.2	5.9	-0.67	0.04	3.28	*	-	-		-	-		5	0*	+20219
+20220	10 26 37	+23 18.5	1	3.00	0.3	2.8	2.58	0.07	3.75	6.30	0.07	5.87		3.72	0.10		4	4	+20220
+20221	10 41 59	+19 41.3	1	3.12	0.3	3.8	2.82	0.08	0.47	6.36	0.06	1.25		3.54	0.10		5	5	+20221
+20222	10 43 44	+19 9.5	1	0.25	0.3	4.0	2.86	0.08	1.12	4.79	0.05	0.66		1.93	0.09		4	3	+20222
+20223	10 53 36	+22 36.9	1	4.06	0.3	0.6	2.50	0.05	3.12	4.91	0.04	1.09		2.41	0.06		5	5	+20223
+20224	11 4 4	+18 0.4	1	0.75	0.3	1.1	2.45	0.08	0.19	5.00	0.05	1.31		2.55	0.09		6	3	+20224
+20225	11 6 17	+20 31.6	1	3.25	0.3	1.0	1.95	0.05	0.63	5.45	0.05	0.50		3.50	0.07		4	4	+20225
+20226	11 11 28	+20 47.8	2	0.25	0.3	0.2	2.24	0.06	1.62	2.57	0.04	0.37		0.33	0.07		4	4	+20226
+20227	11 12 34	+23 22.2	2	0.94	0.3	1.1	0.04	0.05	0.66	2.57	0.05	0.19		2.53	0.07		3	3	+20227
+20228	11 21 3	+17 7.3	1	5.25	0.2	5.7	2.15	0.05	6.34	6.69	0.06	14.66		4.54	0.08	I	7	7	+20228
+20229	11 25 16	+15 24.7	1	3.12	0.2	15.3	1.36	0.04	0.94	5.33	0.05	8.12		3.97	0.06	I	5	5	+20229
+20230	11 27 6	+15 40.4	1	1.56	0.3	5.6	2.76	0.08	2.66	4.78	0.05	2.50		2.02	0.09		5	5	+20230
+20231	11 27 53	+18 40.9	2	2.50	0.5	4.3	2.88	0.09	0.37	4.82	0.05	0.09		1.94	0.10		4	3	+20231
+20232	11 29 28	+18 26.2	2	0.19	0.5	0.2	2.70	0.09	1.59	5.74	0.06	0.37		3.04	0.11		3	3	+20232
+20233	11 38 11	+21 37.8	2	0.19	0.5	0.7	2.95	0.09	0.19	4.63	0.06	0.09		1.68	0.11		3	3	+20233
+20234	11 45 25	+20 30.1	2	4.50	0.3	1.2	2.80	0.09	1.12	4.12	0.07	0.66		1.32	0.11		4	3	+20234
+20235	11 53 38	+15 59.8	1	5.00	0.3	11.6	2.35	0.06	0.63	5.65	0.05	4.25		3.30	0.08		5	4	+20235
+20236	11 57 31	+19 41.9	1	0.63	0.3	0.6	1.30	0.04	1.41	4.36	0.05	2.03		3.06	0.06		5	5	+20236
+20237	12 1 41	+19 3.4	2	0.37	0.3	0.4	2.14	0.06	0.56	6.41	0.08	0.19		4.27	0.10		3	3	+20237
+20238	12 6 38	+17 28.2	1	1.31	0.3	5.3	2.79	0.07	2.41	5.56	0.04	1.50		2.77	0.08		7	6	+20238
+20239	12 7 47	+19 47.5	1	3.44	0.3	1.2	2.61	0.06	0.31	6.73	0.07	1.25		4.12	0.09		5	5	+20239
+20240	12 13 49	+24 12.9	2	1.12	0.3	2.3	2.62	0.09	1.69	4.32	0.05	2.03		1.70	0.10		6	5	+20240
+20241	12 18 12	+18 4.3	1	6.37	0.3	0.4	2.34	0.05	0.94	3.97	0.06	0.25		1.63	0.08		6	4	+20241
+20242	12 27 38	+18 10.2	2	1.50	0.3	0.2	1.93	0.06	0.47	4.99	0.05	0.47		3.06	0.08		3	3	+20242
+20243	12 31 4	+24 42.9	1	1.50	0.3	1.5	2.45	0.06	3.37	5.32	0.05	2.12		2.87	0.08		6	4	+20243
+20244R	12 32 38	+18 39.3	1	0.56	0.3	0.2	2.44	0.08	0.19	4.12	0.07	0.47		1.68	0.11		3	3	+20244
+20245	12 32 39	+22 9.5	1	0.25	0.3	3.3	3.00	0.08	1.25	5.02	0.04	0.63		2.02	0.09		4	4	+20245
+20246	12 34 28	+17 21.6	1	1.56	0.2	1.9	2.35	0.05	0.94	4.60	0.04	7.34		2.25	0.06		5	5	+20246
+20247	12 44 8	+16 50.9	1	3.94	0.3	3.9	2.01	0.04	0.22	4.08	0.05	2.19		2.07	0.06		7	7	+20247
+20248	12 45 49	+19 35.9	1	1.87	0.3	6.4	2.89	0.07	1.12	5.84	0.04	0.19		2.95	0.08		6	6	+20248
+20249	12 49 44	+17 20.6	1	0.31	0.3	0.6	2.32	0.05	0.31	4.87	-	-	Q	2.55	-		5	5	+20249
+20250	12 50 51	+21 31.0	1	2.50	0.3	0.7	2.72	0.08	0.25	4.31	0.05	1.37		1.59	0.09		4	4	+20250

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM	VAR	DA S	DD M	NO.
+20201	0 0 0 1 0 1 1 0 0 0	5.35	K3	III	3366	11687	+20 2109		-3	0.0	+20201
+20202	2 0 0 0 0 1 1 0 0 0	8.90	MO				+21 1878	UV CNC	-1	-0.4	+20202
+20203	1 0 0 2 0 0 2 0 0 0	9.10					+16 1796		0	0.1	+20203
+20204	0 0 0 1 0 1.1 0 0 0	8.00	M3				+21 1896	XX CNC	-3	0.3	+20204
+20205	0 0 0 1 0 0 1 0 0 0	3.93	KO	III	3461	12022	+18 2027		1	-1.5	+20205
+20206	1 0 0 2 0 0 1 0 0 0	6.64	C5		3541	12322	+17 1973	X CNC	1	0.5	+20206
+20207	0 0 0 1 0 0 2 0 0 0	8.00	N3			12356	+20 2243	T CNC	0	0.0	+20207
+20208	0 0 0 1 0 0 1 0 0 0	6.38	M4	III	3577	12414	+18 2093		3	-1.0	+20208
+20209	1 0 0 3 0 0 1 0 0 0	5.43	K1	G	3669	12758	+15 2009		1	0.1	+20209
+20210	2 0 0 0 0 0 2 0 0 0	8.50	MO				+23 2099		-2	-0.4	+20210
+20211	2 0 0 0 0 0 2 0 0 0	4.31	K5	III	3773	13143	+23 2107		1	-0.4	+20211
+20212	3 0 0 0 0 0 2 0 0 0	6.27	K7	G	3804	13199	+24 2104		0	-0.4	+20212
+20213	2 0 0 3 0 0 2 0 0 0	5.72	K1	G	3826	13277	+17 2109		1	0.3	+20213
+20214	1 0 0 3 0 0 2 0 0 0	9.20	G5				+24 2118		-9	-2.4	+20214
+20215	3 0 0 3 0 0 2 0 0 0	2.96	GO	II	3873	13443	+24 2129		-2	-0.2	+20215
+20216	1 0 0 0 0 0 1 0 0 0	9.10					+18 2315		-3	-0.2	+20216
+20217	1 0 0 3 0 0 1 0 0 0										+20217
+20218	3 0 0 0 0 0 2 0 0 0	3.43	FO	III	4031	14107	+24 2209		0	0.1	+20218
+20219	1 0 0 2 0 0 2 0 0 0	2.61	KO	III	4057	14177	+20 2467		-3	-0.1	+20219
+20220	2 0 0 0 0 0 2 0 0 0							UY LEO	0	-0.6	+20220
+20221	1 0 0 1 0 0 3 0 0 0										+20221
+20222	2 0 0 0 0 0 2 0 0 0	5.45	K3	G	4208	14813	+19 2371		0	0.2	+20222
+20223	1 0 0 0 0 0 4 0 0 0	6.08	K2		4269	15035	+23 2279		0	-0.3	+20223
+20224	2 0 0 3 0 0 1 0 0 0	6.59	K5			15273	+18 2452		-1	-0.1	+20224
+20225	2 0 0 1 0 0 1 0 0 0	8.60	M3				+21 2292		0	-0.1	+20225
+20226	2 0 0 1 0 0 1 0 0 0	2.55	A4	V	4357	15438	+21 2298		1	-0.1	+20226
+20227	1 0 0 0 0 0 2 0 0 0	4.60	M3	III	4362	15460	+23 2322		0	0.2	+20227
+20228	1 0 0 5 0 0 1 0 0 0										+20228
+20229	1 0 0 3 0 0 1 0 0 0							AF LEO	-2	-1.3	+20229
+20230	1 0 0 3 0 0 1 0 0 0	5.82	K4	G	4426	15765	+16 2266		0	-1.0	+20230
+20231	1 0 0 1 0 0 2 0 0 0	5.58	KO	G	4433	15784	+19 2459		0	-0.2	+20231
+20232	1 0 0 1 0 0 1 0 0 0	8.00	MA				+18 2506		0	0.4	+20232
+20233	1 0 0 1 0 0 1 0 0 0	5.30	KO	III	4495	16030	+22 2391		-1	-0.1	+20233
+20234	1 0 0 2 0 0 1 0 0 0	4.55	A		4527	16173	+21 2358		0	0.3	+20234
+20235	1 0 0 3 0 0 1 0 0 0	8.50	M3			16322	+16 2320	WX LEO	-1	-0.7	+20235
+20236	1 0 0 1 0 0 2 1 0 0	7.06	M3			16410	+20 2664		0	0.0	+20236
+20237	1 0 0 1 0 0 1 0 0 0	7.70	K2			16482	+19 2526	R COM	13	-2.3	+20237
+20238	1 0 0 4 0 0 2 0 0 0	7.36	K5			16597	+17 2439		-2	0.4	+20238
+20239	1 0 0 1 0 0 2 1 0 0							SY COM	-2	0.6	+20239
+20240	0 1 0 3 0 0 2 0 0 0	4.93	KO	III	4667	16752	+24 2443		0	-0.5	+20240
+20241	2 0 0 2 0 0 2 0 0 0	4.74	G8	III	4697	16835	+18 2592		0	0.1	+20241
+20242	1 0 0 1 0 0 1 0 0 0	7.50	MB				+18 2617		1	-0.1	+20242
+20243	0 1 0 4 0 0 1 0 0 0	7.45	MO			17115	+25 2522		0	-0.6	+20243
+20244R	1 0 0 1 0 0 1 0 0 0	5.18	K2	III	4792	17147	+19 2584		0	0.1	+20244
+20245	1 0 0 1 0 0 1 1 0 0	5.93	K2	G	4793	17150	+22 2490		0	0.1	+20245
+20246	1 0 0 3 0 0 1 0 0 0	5.68	K5	G	4801	17183	+17 2504		0	-0.3	+20246
+20247	1 0 0 4 0 0 2 0 0 0	5.15	K3	III	4851	17363	+17 2533		-1	-0.1	+20247
+20248	2 0 0 1 0 0 2 1 0 0	7.85	MO			17392	+20 2761		0	0.2	+20248
+20249	1 0 0 3 0 0 1 0 0 0	6.38	MO	G	4884	17464	+17 2551		0	-0.1	+20249
+20250	1 0 0 1 0 0 1 1 0 0	4.87	G8	III	4894	17493	+22 2519		1	0.0	+20250

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+20251	12	56	28	+17	40.6	1	2.50	0.2	2.2	0.88	0.04	0.31	3.21	0.04	0.78		2.33	0.06		5	5	+20251
+20252	13	0	44	+24	5.8	1	2.81	0.3	3.4	2.80	0.07	3.12	5.38	0.04	4.06		2.58	0.08		5	5	+20252
+20253	13	1	32	+19	58.4	2	0.94	0.5	0.9	2.95	0.09	2.81	6.98	0.08	1.25		4.03	0.12		5	5	+20253
+20254	13	3	56	+22	52.9	1	6.00	0.2	0.7	-0.21	0.04	2.06	2.79	0.04	1.72		3.00	0.06		6	5	+20254
+20255	13	5	27	+23	53.0	1	3.00	0.3	0.2	2.89	0.08	1.62	6.63	0.08	1.75		3.74	0.11		4	4	+20255
+20256	13	7	20	+17	6.6	1	2.62	0.3	6.8	2.33	0.05	1.12	4.74	0.04	1.25		2.41	0.06		6	5	+20256
+20257	13	7	43	+24	51.9	1	5.00	0.2	4.1	1.57	0.04	5.31	5.65	0.05	1.87		4.08	0.06		5	5	+20257
+20258	13	12	43	+19	10.5	2	0.19	0.5	0.7	2.87	0.10	2.91	5.37	0.06	0.09		2.50	0.12		3	3	+20258
+20259	13	28	22	+19	55.1	1	4.12	0.2	1.5	2.41	0.05	4.12	6.63	0.06	1.50		4.22	0.08		6	6	+20259
+20260	13	34	37	+24	51.9	1	7.00	0.3	2.3	1.46	0.04	4.00	4.04	0.07	0.25		2.58	0.08		4	4	+20260
+20261	13	40	14	+23	33.9	2	0.75	0.5	2.5	2.57	0.07	2.25	5.41	0.06	1.22		2.84	0.09		4	3	+20261
+20262	13	41	24	+22	57.5	2	3.12	0.5	1.2	2.64	0.07	1.72	5.03	0.04	1.56		2.39	0.08		5	5	+20262
+20263	13	47	3	+16	2.5	1	1.00	0.3	1.5	0.41	0.04	0.37	2.66	0.04	0.87		2.25	0.06		4	4	+20263
+20264	13	47	21	+21	30.9	1	2.50	0.3	2.0	1.57	0.04	1.50	3.75	0.07	0.66		2.18	0.08		4	3	+20264
+20265	13	50	8	+16	58.5	1	6.12	0.3	4.4	2.92	0.08	1.75	5.55	0.04	1.50		2.63	0.09		7	6	+20265
+20266	13	51	34	+17	31.6	1	1.56	0.3	1.6	2.78	0.07	2.81	6.26	0.06	4.69		3.48	0.09		5	5	+20266
+20267	13	52	20	+18	38.6	1	0.56	0.3	1.1	1.31	0.05	2.91	*	-	-		-	-		3	0*	+20267
+20268	13	54	46	+21	11.9	2	1.25	0.5	0.2	2.84	0.07	1.75	5.37	0.05	0.25		2.53	0.09		4	4	+20268
+20269	14	4	5	+17	12.6	1	1.87	0.2	2.5	1.43	0.05	2.03	4.41	0.07	0.63		2.98	0.09		5	5	+20269
+20270	14	13	23	+19	26.5	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	+20270
+20271	14	15	6	+15	29.5	1	2.19	0.2	1.6	1.49	0.04	1.41	4.18	0.06	4.22		2.69	0.07		5	5	+20271
+20272	14	17	23	+16	32.0	1	5.00	0.2	3.5	2.13	0.04	3.00	4.02	0.05	2.25		1.89	0.06		8	6	+20272
+20273	14	18	47	+19	24.4	2	0.25	0.3	0.2	2.85	0.09	2.50	5.50	0.06	1.87		2.65	0.11		4	3	+20273
+20274	14	42	55	+17	10.5	1	0.63	0.3	5.0	2.41	0.06	0.63	3.95	0.05	1.41		1.54	0.08		5	5	+20274
+20275	14	43	41	+15	20.4	1	3.12	0.2	1.6	-0.71	0.03	4.84	2.58	0.04	8.12		3.29	0.05	I	5	5	+20275
+20276	14	49	5	+19	18.4	2	1.12	0.5	0.2	2.67	0.08	0.37	4.02	0.07	0.66		1.35	0.11		3	3	+20276
+20277	15	9	47	+19	9.9	1	5.50	0.3	2.5	0.55	0.04	1.87	3.50	0.05	0.50		2.95	0.06		4	4	+20277
+20278	15	9	50	+22	30.0	1	2.25	0.3	2.3	1.91	0.05	1.50	4.80	0.04	5.31		2.89	0.06		6	5	+20278
+20279	15	12	34	+21	31.0	2	3.75	0.3	1.0	2.92	0.09	1.37	6.30	0.08	1.31		3.38	0.12		4	3	+20279
+20280	15	23	30	+15	36.3	1	4.50	0.3	0.5	1.07	0.04	4.25	3.60	0.05	4.12		2.53	0.06		4	4	+20280
+20281R	15	25	32	+19	44.1	1	4.50	0.2	6.0	1.94	0.04	5.50	8.02	0.16	1.97		6.08	0.16		8	7	+20281
+20282	15	34	9	+15	15.5	1	2.50	0.3	0.7	-1.06	0.04	3.25	2.71	0.05	8.72		3.77	0.06	I	4	3	+20282
+20283	15	36	7	+24	41.1	1	2.75	0.3	1.5	-0.39	0.05	1.12	3.30	0.05	5.62		3.69	0.07		4	4	+20283
+20284	15	46	31	+18	17.7	1	3.00	0.2	3.4	0.09	0.04	5.06	2.41	0.04	5.16		2.32	0.06		6	5	+20284
+20285	15	48	22	+15	17.0	2	3.75	0.2	2.8	-0.01	0.04	5.87	4.39	0.05	32.00		4.40	0.06	I	4	4	+20285
+20286	15	49	5	+21	7.4	1	1.50	0.3	0.7	1.04	0.04	6.50	3.35	0.05	1.50		2.31	0.06	K	4	4	+20286
+20287	15	51	5	+17	25.7	2	0.56	0.7	0.6	2.90	0.10	0.94	6.26	0.07	0.09		3.36	0.12		3	3	+20287
+20288	15	52	23	+20	27.4	1	0.75	0.2	2.6	1.49	0.04	2.44	3.99	0.05	0.94		2.50	0.06		6	6	+20288
+20289	15	54	8	+15	48.9	1	1.25	0.3	0.2	2.62	0.06	0.50	3.57	0.05	3.62		0.95	0.08		4	4	+20289
+20290	15	58	58	+17	57.3	2	1.50	0.3	1.1	2.78	0.07	3.00	4.49	0.05	1.87		1.71	0.09		6	6	+20290
+20291	16	2	29	+22	46.6	1	8.44	0.3	4.5	2.91	0.05	3.09	6.17	0.04	1.25		3.26	0.06		9	8	+20291
+20292	16	5	13	+21	57.1	2	1.50	0.8	0.2	2.79	0.08	1.12	5.12	0.04	0.87		2.33	0.09		4	4	+20292
+20293R	16	5	48	+17	11.5	2	0.37	0.3	0.9	2.47	0.07	0.56	4.03	-	-	Q	1.56	-		3	3	+20293
+20294	16	9	29	+23	37.1	1	10.06	0.2	3.1	0.14	0.04	6.12	3.20	0.04	1.50		3.06	0.06		7	6	+20294
+20295	16	11	37	+16	33.8	1	1.87	0.3	1.1	2.78	0.06	1.87	5.75	0.04	1.31		2.97	0.07		6	6	+20295
+20296	16	19	43	+19	16.0	1	1.56	0.3	0.3	2.86	0.06	0.94	3.64	0.05	1.87		0.78	0.08		5	5	+20296
+20297	16	23	2	+19	21.4	2	2.19	0.3	0.3	2.61	0.07	1.87	5.32	0.04	4.69		2.71	0.08		5	5	+20297
+20298	16	23	35	+19	0.4	1	3.00	0.2	2.6	-0.31	0.04	48.00	3.87	-	-	Q	4.18	-	K	6	6	+20298
+20299	16	24	8	+23	8.9	1	3.37	0.3	10.9	2.88	0.07	2.06	5.53	-	-	Q	2.65	-		6	6	+20299
+20300	16	28	4	+21	35.9	1	0.56	0.3	0.7	0.64	0.04	4.22	*	-	-		-	-		3	0*	+20300

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	OTHER CATALOGS BS=HR	GC	DM		VAR	DA S	DD M	NO.
+20251	1 0 0 3 0 0 1 0 0 0	4.79	M0	G	4920	17616	+18	2682		0	-0.1	+20251
+20252	0 1 0 2 0 0 2 0 0 0	7.21	M0			17706	+24	2531		-1	0.1	+20252
+20253	1 0 0 1 0 0 2 1 0 0											+20253
+20254	2 0 0 1 0 0 2 1 0 0	5.60	M5	G	4949	17769	+23	2538		0	-0.2	+20254
+20255	1 0 0 1 0 0 2 0 0 0											+20255
+20256	1 0 0 3 0 0 2 0 0 0	6.05	K6	G	4962	17825	+17	2595		-1	-0.3	+20256
+20257	0 1 0 2 0 0 2 0 0 0	9.30	M4				+25	2604		-2	-0.1	+20257
+20258	1 0 0 1 0 0 1 0 0 0	6.65	K0			17941	+19	2654		-2	-0.5	+20258
+20259	1 0 0 1 0 0 3 1 0 0											+20259
+20260	0 1 0 2 0 0 1 0 0 0	5.68	M2	G	5123	18399	+25	2652		-2	-0.2	+20260
+20261	1 0 0 2 0 0 1 0 0 0	7.54	M0			18535	+24	2624		1	-0.4	+20261
+20262	1 0 0 1 0 0 2 1 0 0	6.27	K4	G	5164	18564	+23	2606		0	0.4	+20262
+20263	1 0 0 2 0 0 1 0 0 0	4.07	K5	III	5200	18674	+16	2564		-1	-0.2	+20263
+20264	1 0 0 1 0 0 1 1 0 0	4.93	K4	III	5201	18683	+21	2578		0	0.2	+20264
+20265	1 0 0 3 0 0 2 1 0 0	6.78	K5			18751	+17	2676		0	0.0	+20265
+20266	1 0 0 2 0 0 1 1 0 0	9.00					+18	2797	XZ BOO	1	0.0	+20266
+20267	1 0 0 1 0 0 1 0 0 0	2.69	G0	IV	5235	18805	+19	2725		1	-0.2	+20267
+20268	1 0 0 1 0 0 1 1 0 0	6.90	K0			18860	+21	2593		0	0.0	+20268
+20269	1 0 0 2 0 0 1 1 0 0	6.76	M0			19043	+17	2702		-2	0.2	+20269
+20270	1 0 0 2 0 0 2 2 0 0	0.06	K2	III	5340	19242	+19	2777		0	0.0	+20270
+20271	2 0 0 2 0 0 1 0 0 0	5.86	M3	G	5352	19284	+15	2690		1	-0.1	+20271
+20272	3 0 0 3 0 0 1 1 0 0	4.85	K3	III	5370	19334	+16	2637		0	-0.1	+20272
+20273	1 0 0 1 0 0 1 1 0 0	7.11	K5			19355	+19	2796		-2	-0.1	+20273
+20274	2 0 0 2 0 0 0 1 0 0	4.59	K0	III	5502	19858	+17	2780		0	0.0	+20274
+20275	2 0 0 2 0 0 1 0 0 0	5.80	M5	G	5512	19885	+15	2758		-3	-0.1	+20275
+20276	1 0 0 1 0 0 0 1 0 0	4.54	G8	V	5544	19991	+19	2870		0	-0.1	+20276
+20277	1 1 0 1 0 0 0 1 0 0	5.78	M4	G	5654	20442	+19	2935		0	0.1	+20277
+20278	0 1 0 2 1 0 1 1 0 0	6.84	M3			20444	+22	2801		0	-0.1	+20278
+20279	0 2 0 1 0 0 0 1 0 0	8.60	M2				+21	2741		1	-0.2	+20279
+20280	1 0 0 1 1 0 1 0 0 0	5.17	M1	III	5739	20740	+15	2858		1	0.1	+20280
+20281R	1 2 0 2 1 0 0 2 0 0								WX SER	0	-0.3	+20281
+20282	1 0 0 1 1 0 1 0 0 0	6.84	M3			20983	+15	2890	TAU4 SER	0	-0.4	+20282
+20283	0 1 0 1 1 0 1 0 0 0	7.12	M3			21033	+24	2901		-2	0.1	+20283
+20284	1 2 0 1 0 0 0 2 0 0	4.11	M1	G	5879	21255	+18	3074		1	0.1	+20284
+20285	1 0 0 1 1 0 1 0 0 0	5.60	M7	G	5894	21292	+15	2918	R SER	-2	0.0	+20285
+20286	0 1 0 1 1 0 0 1 0 0	4.78	K5	III	5899	21311	+21	2829		0	-0.2	+20286
+20287	1 0 0 1 0 0 0 1 0 0	8.70	MA				+17	2928		0	-0.3	+20287
+20288	2 2 0 1 1 0 0 0 0 0	5.44	K4	III	5924	21368	+20	3166		0	0.0	+20288
+20289	1 0 0 1 1 0 1 0 0 0	3.85	F6	IV	5933	21408	+16	2849		0	-0.5	+20289
+20290	2 2 0 1 0 0 0 1 0 0	5.12	K0	III	5966	21525	+18	3101		-2	-0.1	+20290
+20291	0 1 0 1 4 0 1 2 0 0	8.80	M2				+23	2892		-1	-0.5	+20291
+20292	0 1 0 1 1 0 0 1 0 0	6.14	K4	III	6005	21678	+22	2926		0	-0.2	+20292
+20293R	1 0 0 1 0 0 0 1 0 0	6.52	K2	G	6009	21698	+17	2964		-2	0.7	+20293
+20294	0 1 0 1 3 0 1 1 0 0	5.96	M4	G	6039	21786	+23	2909	LQ HER	-2	-0.2	+20294
+20295	2 0 0 1 2 0 0 1 0 0	7.70	MA				+16	2908		1	0.2	+20295
+20296	1 2 0 1 0 0 0 1 0 0	3.74	A9	III	6095	22012	+19	3086		0	-0.2	+20296
+20297	1 2 0 1 0 0 0 1 0 0	7.30	K5			22088	+19	3096		-2	0.2	+20297
+20298	1 2 0 2 0 0 0 1 0 0	6.70	M7	G	6119	22107	+19	3098	U HER	0	0.1	+20298
+20299	0 1 0 1 2 0 1 1 0 0	8.20	M0				+23	2934		-2	-1.7	+20299
+20300	0 1 0 1 1 0 0 0 0 0	2.77	G8	III	6148	22193	+21	2934		0	0.0	+20300

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+20301	16 28 20	+20 34.8	1	20.00	0.2	3.1	2.12	0.05	3.75	4.20	0.06	1.41		2.08	0.08		5	5	+20301
+20302	16 29 6	+22 18.1	1	0.25	0.3	3.0	1.88	0.05	1.00	4.33	0.06	0.12		2.45	0.08		4	4	+20302
+20303	16 35 31	+22 32.8	1	3.37	0.2	7.5	1.19	0.03	2.25	4.41	0.04	1.12		3.22	0.05		6	6	+20303
+20304	16 38 56	+24 57.5	1	5.25	0.3	5.3	2.94	0.06	2.41	5.18	0.03	5.91		2.24	0.07		7	7	+20304
+20305	16 39 25	+16 3.1	2	0.12	0.5	0.1	2.84	0.09	0.87	5.86	0.10	-		3.02	0.13		2	1	+20305
+20306	16 43 5	+15 50.4	2	4.50	0.3	0.2	0.73	0.06	0.06	3.48	0.07	0.06		2.75	0.09		2	2	+20306
+20307	16 49 38	+15 1.5	2	1.50	0.3	2.1	1.49	0.05	24.00	4.94	-	-	Q	3.45	-	K	3	3	+20307
+20308	16 49 40	+24 44.3	1	3.50	0.2	1.7	2.31	0.04	6.56	4.20	0.04	1.31		1.89	0.06		7	7	+20308
+20309	16 53 12	+18 30.7	1	3.12	0.3	1.2	2.02	0.04	2.03	4.23	0.06	1.56		2.21	0.07		5	5	+20309
+20310	16 58 51	+22 42.4	1	2.19	0.3	1.7	2.80	0.06	0.87	4.79	0.03	6.34		1.99	0.07		7	7	+20310
+20311	17 0 29	+20 47.6	2	3.00	0.3	0.6	2.36	0.07	1.12	5.25	0.05	0.28		2.89	0.09		3	3	+20311
+20312	17 1 43	+19 45.4	1	1.87	0.3	0.9	2.58	0.05	0.78	5.03	0.04	3.28		2.45	0.06		5	5	+20312
+20313	17 4 9	+22 8.9	2	0.19	0.5	0.6	2.59	0.08	1.78	4.61	0.05	0.09		2.02	0.09		3	3	+20313
+20314	17 7 18	+18 44.6	2	0.25	0.3	1.2	2.69	0.06	0.12	7.09	0.10	23.00		4.40	0.12	I	4	4	+20314
+20315	17 11 36	+18 4.3	2	0.37	0.3	0.4	1.82	0.05	1.50	5.99	0.06	1.41		4.17	0.08		3	3	+20315
+20316	17 12 57	+24 53.6	1	1.50	0.3	2.3	2.90	0.07	3.00	3.22	0.04	0.94		0.32	0.08		6	6	+20316
+20317	17 12 58	+17 52.0	2	0.75	0.7	2.1	2.39	0.11	0.37	5.44	0.05	1.87		3.05	0.12		3	3	+20317
+20318	17 13 38	+23 47.5	1	10.12	0.3	2.6	2.99	0.07	2.06	5.06	0.04	1.31		2.07	0.08		6	6	+20318
+20319	17 15 31	+23 8.5	1	3.12	0.3	0.6	2.76	0.07	2.03	5.06	0.04	0.16		2.30	0.08		5	5	+20319
+20320	17 18 7	+18 6.6	2	1.50	0.3	0.7	0.83	0.05	0.28	3.32	0.06	1.41		2.49	0.08		3	3	+20320
+20321	17 19 22	+16 46.9	2	1.31	0.3	0.4	1.91	0.06	2.06	4.62	0.07	0.09		2.71	0.09		3	3	+20321
+20322	17 19 36	+22 58.0	1	2.50	0.3	1.2	2.90	0.07	16.56	7.16	0.10	40.00		4.26	0.12	K,I	5	5	+20322
+20323	17 23 38	+16 57.4	1	2.25	0.3	1.5	0.49	0.05	0.75	3.61	-	-	Q	3.12	-		4	4	+20323
+20324	17 26 12	+15 54.4	2	1.12	0.5	1.7	1.72	0.06	0.56	5.72	0.06	1.03		4.00	0.08		3	3	+20324
+20325	17 29 10	+19 33.8	2	3.12	0.3	0.3	2.78	0.07	2.34	5.33	0.05	1.00		2.55	0.09		5	4	+20325
+20326	17 29 42	+17 47.6	2	0.12	0.5	0.1	2.64	0.09	14.31	8.20	0.38	-		5.56	0.39	K	2	1	+20326
+20327	17 33 20	+20 44.6	2	1.12	0.3	0.2	2.80	0.09	4.03	6.14	0.06	2.25		3.34	0.11		3	3	+20327
+20328R	17 33 26	+15 36.9	2	0.94	0.3	0.2	1.58	0.06	24.00	7.29	0.13	24.00		5.71	0.14	K,I	3	3	+20328
+20329	17 40 26	+24 35.3	1	18.75	0.2	0.7	2.14	0.05	1.87	4.33	0.04	1.50		2.19	0.06		6	6	+20329
+20330	17 40 53	+17 42.3	2	7.00	0.3	1.7	2.85	0.09	1.12	5.90	0.07	0.12		3.05	0.11		4	2	+20330
+20331	17 42 49	+21 31.1	2	0.94	0.3	0.7	2.87	0.07	5.44	7.00	0.10	2.62		4.13	0.12	K	3	3	+20331
+20332	17 43 32	+18 52.3	2	0.19	0.5	0.2	2.38	0.07	0.47	6.64	0.10	0.56		4.26	0.12		3	2	+20332
+20333	17 46 55	+22 33.4	1	2.62	0.3	4.5	2.66	0.06	8.25	7.11	0.08	4.12		4.45	0.10		6	6	+20333
+20334	17 47 26	+20 39.1	2	1.25	0.3	0.2	2.71	0.09	0.25	5.63	0.09	-		2.92	0.13		4	1	+20334
+20335	17 48 41	+24 0.7	1	1.12	0.3	0.7	2.94	0.06	1.50	6.87	0.07	3.37		3.93	0.09		6	6	+20335
+20336	17 49 20	+19 3.9	2	0.56	0.3	0.2	2.17	0.06	0.37	5.74	0.07	0.06		3.57	0.09		3	2	+20336
+20337	17 53 46	+22 28.1	1	3.75	0.3	4.1	2.77	0.06	0.37	4.75	0.04	2.97		1.98	0.07		6	5	+20337
+20338	17 55 7	+15 55.0	2	0.19	0.3	0.6	2.73	0.08	1.97	7.41	0.13	0.28		4.68	0.15		3	3	+20338
+20339	17 55 46	+15 24.6	3	0.12	0.5	0.1	2.51	0.09	0.44	5.56	0.07	0.19		3.05	0.11		2	2	+20339
+20340	17 57 47	+16 45.1	2	0.75	0.3	0.2	1.91	0.04	1.87	3.77	0.05	0.25		1.86	0.06		4	4	+20340
+20341	17 58 0	+23 35.4	2	3.00	0.3	1.3	2.97	0.08	6.75	7.57	0.15	9.00		4.60	0.17	K,I	3	3	+20341
+20342	17 58 17	+17 6.1	2	2.06	0.3	0.2	2.40	0.08	1.12	5.48	0.06	0.94		3.08	0.10		3	3	+20342
+20343R	17 59 23	+21 35.6	2	0.19	0.3	1.5	2.77	0.08	3.19	3.94	0.06	0.19		1.17	0.10		3	3	+20343
+20344	18 0 33	+20 58.4	2	2.25	0.5	0.5	2.51	0.06	2.37	7.31	-	-	Q	4.80	-		4	4	+20344
+20345	18 0 46	+15 0.2	2	1.37	0.5	0.1	2.33	0.08	0.06	5.43	0.07	0.06		3.10	0.11		2	2	+20345
+20346	18 1 9	+19 33.5	1	0.37	0.2	1.5	1.32	0.04	2.62	4.51	-	-	Q	3.19	-		6	6	+20346
+20347	18 2 44	+16 54.4	2	0.75	0.5	1.7	2.32	0.07	0.87	5.20	0.07	0.66		2.88	0.10		4	3	+20347
+20348	18 3 56	+22 12.6	1	1.69	0.3	0.6	0.23	0.04	1.78	2.94	0.05	0.56		2.71	0.06		3	3	+20348
+20349	18 4 23	+20 15.7	1	1.25	0.2	6.9	2.52	0.06	5.47	6.58	0.14	-		4.06	0.15		5	1	+20349
+20350	18 5 7	+15 13.6	2	1.25	0.5	0.1	2.32	0.09	0.50	5.21	0.07	0.12		2.89	0.11		2	2	+20350

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM		VAR	DA S	DD M	NO.
+20301	1 2 0 1 1 0 0 0 0 0	5.16	G8	II	6152	22202	+20	3283		-3	-0.5	+20301
+20302	0 2 0 1 1 0 0 0 0 0	5.80	K5	G	6154	22216	+22	2983		1	0.0	+20302
+20303	0 1 0 1 3 0 0 1 0 0	7.30	M0				+22	2998		0	0.1	+20303
+20304	0 2 0 1 2 0 1 1 0 0	6.06	K2		6208	22452	+25	3115		0	0.3	+20304
+20305	1 0 0 0 1 0 0 0 0 0	8.00	MA				+16	3000		0	0.3	+20305
+20306	1 0 0 0 1 0 0 0 0 0	5.64	M3	G	6227	22553	+16	3013		-2	0.2	+20306
+20307	2 0 0 0 1 0 0 0 0 0	5.90	M6E			22706	+15	3063	S HER	0	0.0	+20307
+20308	0 2 0 1 2 0 1 1 0 0	5.04	K2	II	6270	22708	+24	3069		-1	-0.1	+20308
+20309	0 2 0 1 1 0 0 1 0 0	5.35	K4	III	6293	22816	+18	3266		1	0.0	+20309
+20310	0 1 0 1 3 0 0 2 0 0	5.58	K3	G	6325	22948	+22	3045		-1	0.1	+20310
+20311	0 2 0 0 1 0 0 0 0 0	7.08	M0			22993	+20	3382		-1	-0.1	+20311
+20312	0 2 0 0 2 0 0 1 0 0	6.25	K4		6343	23028	+19	3218		1	-0.2	+20312
+20313	0 1 0 1 1 0 0 0 0 0	5.55	K4	III	6364	23089	+22	3073		-2	-0.2	+20313
+20314	0 2 0 1 1 0 0 0 0 0								BG HER	2	0.4	+20314
+20315	0 2 0 0 1 0 0 0 0 0											+20315
+20316	0 2 0 1 2 0 0 1 0 0	3.14	A3	IV	6410	23294	+25	3221		-2	-0.2	+20316
+20317	1 1 0 0 1 0 0 0 0 0	7.48	K5			23291	+17	3201		2	0.6	+20317
+20318	0 1 0 1 2 0 0 2 0 0	5.96	K2	G	6419	23309	+23	3070		1	-0.3	+20318
+20319	0 1 0 1 2 0 0 1 0 0	6.39	K2		6430	23360	+23	3074		0	-0.1	+20319
+20320	0 2 0 0 1 0 0 0 0 0	5.00	M2	G	6452	23426	+18	3351		0	0.2	+20320
+20321	1 0 0 0 2 0 0 0 0 0	6.42	M2	G	6463	23466	+16	3163		3	0.1	+20321
+20322	0 1 0 1 2 0 0 1 0 0	7.50	M5E			23477	+23	3090	RS HER	-1	-0.1	+20322
+20323	2 0 0 0 2 0 0 0 0 0	6.12	M4	G	6495	23608	+17	3241		-3	-0.2	+20323
+20324	1 1 0 0 1 0 0 0 0 0											+20324
+20325	0 3 0 0 2 0 0 0 0 0	7.04	K5			23738	+19	3338		1	0.2	+20325
+20326	1 0 0 0 1 0 0 0 0 0											+20326
+20327	0 2 0 0 1 0 0 0 0 0								AN HER	-2	0.0	+20327
+20328R	1 1 0 0 1 0 0 0 0 0								MW HER	0	0.0	+20328
+20329	0 2 0 1 2 0 0 1 0 0	5.51	K4	III	6602	24028	+24	3231		1	0.0	+20329
+20330	1 2 0 0 1 0 0 0 0 0	8.00	MA				+17	3318		3	0.2	+20330
+20331	0 2 0 0 1 0 0 0 0 0											+20331
+20332	0 2 0 0 1 0 0 0 0 0								GQ HER	-2	-0.7	+20332
+20333	0 1 0 0 4 0 0 1 0 0								SU HER	-2	0.1	+20333
+20334	0 3 0 0 1 0 0 0 0 0	7.62	K5			24213	+20	3578		0	0.1	+20334
+20335	0 2 0 1 2 0 0 1 0 0											+20335
+20336	0 2 0 0 1 0 0 0 0 0	8.70	MB				+19	3444		1	0.3	+20336
+20337	0 2 0 0 2 0 0 2 0 0	5.53	K3	G	6687	24392	+22	3237		1	-0.1	+20337
+20338	1 1 0 0 1 0 0 0 0 0											+20338
+20339	0 1 0 0 1 0 0 0 0 0	7.40	MA				+15	3309		-2	0.0	+20339
+20340	1 1 0 0 2 0 0 0 0 0	4.66	K0	II	6713	24502	+16	3335		-3	0.0	+20340
+20341	0 1 0 0 1 0 0 1 0 0								WY HER	0	-0.4	+20341
+20342	1 1 0 0 1 0 0 0 0 0	7.50	MA				+17	3401		-1	-0.1	+20342
+20343R	0 2 0 0 1 0 0 0 0 0	5.21	G5	III	6729	24538	+21	3280		0	0.0	+20343
+20344	0 2 0 0 2 0 0 0 0 0											+20344
+20345	0 1 0 0 1 0 0 0 0 0	7.99	M0			24573	+15	3341		1	0.3	+20345
+20346	0 2 0 0 4 0 0 0 0 0	7.16	M0			24589	+19	3509		-2	0.3	+20346
+20347	1 1 0 0 2 0 0 0 0 0	7.22	M0			24637	+16	3356		-3	-1.0	+20347
+20348	0 2 0 0 1 0 0 0 0 0	5.12	M2	G	6765	24670	+22	3273		0	-0.1	+20348
+20349	0 2 0 0 3 0 0 0 0 0								DF HER	-3	-0.3	+20349
+20350	0 1 0 0 1 0 0 0 0 0	7.30	MA				+15	3363		1	0.0	+20350

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+20351	18	10	19	+21	43.8	1	2.25	0.5	4.5	2.77	0.08	0.09	5.57	0.09	0.25		2.80	0.12		3	2	+20351
+20352	18	10	44	+22	48.8	1	2.19	0.3	2.5	2.71	0.06	6.87	5.35	0.05	0.37		2.64	0.08		5	4	+20352
+20353	18	11	11	+21	52.1	2	0.75	0.3	0.2	2.63	0.07	1.12	5.01	0.05	1.37		2.38	0.09		4	4	+20353
+20354R	18	12	42	+15	32.1	2	0.37	0.3	0.2	0.85	0.06	0.69	4.91	-	-	Q	4.06	-		2	2	+20354
+20355	18	12	49	+16	15.2	2	0.12	0.5	0.6	2.31	0.07	0.06	5.52	0.07	0.75		3.21	0.10		2	2	+20355
+20356	18	15	43	+17	57.9	2	5.81	0.5	0.2	0.05	0.12	0.09	3.65	0.10	-		3.60	0.16		3	1	+20356
+20357	18	16	0	+21	23.5	2	0.19	0.5	1.9	1.99	0.06	0.84	6.02	0.06	3.37		4.03	0.08		3	3	+20357
+20358	18	16	3	+23	16.4	1	1.50	0.3	0.2	2.05	0.04	0.63	4.75	0.05	2.37		2.70	0.06		4	4	+20358
+20359	18	16	16	+24	20.4	2	6.50	0.3	3.0	2.35	0.07	0.12	6.15	0.15	-		3.80	0.17		4	1	+20359
+20360	18	17	10	+24	25.5	2	4.31	0.3	1.1	1.80	0.06	0.84	4.04	0.07	0.19		2.24	0.09		3	3	+20360
+20361	18	18	12	+21	56.1	1	1.25	0.3	0.5	0.87	0.04	1.50	3.33	0.05	1.75		2.46	0.06		4	4	+20361
+20362	18	20	3	+23	15.4	1	2.00	0.3	3.3	1.37	0.04	2.00	3.85	0.05	1.12		2.48	0.06		4	4	+20362
+20363	18	20	37	+17	48.0	2	3.00	0.3	0.5	2.29	0.07	2.50	4.33	0.07	1.00		2.04	0.10		4	4	+20363
+20364	18	21	33	+21	44.4	2	0.37	0.3	0.2	1.09	0.04	0.66	2.87	0.05	4.78		1.78	0.06	I	3	3	+20364
+20365	18	27	59	+16	36.0	2	2.44	0.5	0.6	2.60	0.09	0.09	6.11	0.06	0.09		3.51	0.11		3	3	+20365
+20366	18	30	43	+23	34.8	1	1.75	0.3	2.3	2.41	0.06	1.37	4.60	0.06	0.19		2.19	0.08		4	3	+20366
+20367	18	32	16	+15	11.4	2	1.87	0.3	0.5	1.85	0.07	0.06	5.37	0.07	0.12		3.52	0.10		2	2	+20367
+20368	18	36	1	+22	40.3	1	2.62	0.3	5.3	2.06	0.05	2.25	5.94	0.05	0.94		3.88	0.07		6	5	+20368
+20369	18	36	35	+18	22.6	3	1.25	0.7	0.1	2.00	0.10	0.25	5.71	0.09	0.06		3.71	0.13		2	2	+20369
+20370	18	39	41	+17	37.6	3	0.12	0.8	0.1	1.87	0.07	16.00	6.78	0.10	0.06		4.91	0.12	K	2	2	+20370
+20371	18	42	32	+17	27.2	2	0.56	0.3	0.2	2.01	0.05	1.97	6.89	0.11	-		4.88	0.12		3	1	+20371
+20372	18	43	31	+20	29.4	2	1.12	0.3	2.1	2.96	0.09	0.19	3.96	0.07	0.37		1.00	0.11		3	3	+20372
+20373	18	44	24	+22	29.1	1	6.87	0.3	0.3	2.99	0.07	0.63	7.90	0.15	1.25		4.91	0.17		5	5	+20373
+20374	18	44	31	+18	38.8	3	2.75	0.5	0.1	2.10	0.08	0.19	4.75	0.08	-		2.65	0.11		2	1	+20374
+20375	18	45	48	+24	44.3	2	1.87	0.3	0.4	2.18	0.05	0.47	6.21	0.06	0.66		4.03	0.08		3	3	+20375
+20376	18	46	7	+19	3.5	2	0.12	0.5	0.4	1.27	0.07	1.25	5.68	0.09	-		4.41	0.11		2	1	+20376
+20377	18	46	21	+15	46.4	2	0.63	0.3	0.4	2.79	0.10	0.87	6.22	0.08	0.44		3.43	0.13		2	2	+20377
+20378	18	48	20	+24	2.3	2	1.87	0.3	3.4	2.47	0.07	0.19	5.22	0.06	0.28		2.75	0.09		3	3	+20378
+20379	18	48	38	+23	43.6	2	2.25	0.5	5.0	2.68	0.07	0.37	6.13	0.07	1.41		3.45	0.10		4	3	+20379
+20380	18	52	38	+22	34.8	1	3.75	0.2	1.1	2.54	0.05	1.31	3.99	0.05	1.87		1.45	0.07		6	5	+20380
+20381	18	56	8	+16	42.8	1	6.00	0.3	2.3	2.59	0.06	15.87	7.42	0.12	16.38		4.83	0.13	K,I	4	4	+20381
+20382	18	57	52	+22	44.5	1	1.50	0.2	1.1	0.89	0.03	0.56	3.82	0.05	3.59		2.93	0.06		6	5	+20382
+20383	18	59	34	+22	48.9	2	0.25	0.3	0.2	2.19	0.37	0.12	-	-	-		-	-		4	0	+20383
+20384	19	0	40	+20	39.0	2	0.50	0.3	0.1	2.52	0.08	0.25	6.66	0.10	0.69		4.14	0.13		2	2	+20384
+20385	19	3	1	+17	43.3	2	0.25	0.5	5.0	2.77	0.11	0.12	6.78	0.11	0.44		4.01	0.16		2	2	+20385
+20386	19	3	19	+17	16.2	2	9.19	0.3	0.2	2.71	0.07	1.12	7.82	0.18	0.19		5.11	0.19		3	3	+20386
+20387	19	4	3	+24	16.1	1	0.94	0.3	5.9	2.52	0.06	0.78	6.74	0.06	6.56		4.22	0.08		5	5	+20387
+20388	19	6	31	+24	6.1	2	2.75	0.3	2.3	2.01	0.06	0.50	4.91	0.05	0.12		2.90	0.08		4	4	+20388
+20389	19	8	53	+21	54.8	2	2.00	0.5	2.0	2.63	0.08	1.12	7.22	0.16	-		4.59	0.18		4	1	+20389
+20390	19	12	50	+21	59.5	2	1.50	0.3	0.2	2.70	0.06	15.00	7.73	0.17	24.00		5.03	0.18	K,I	4	3	+20390
+20391	19	13	21	+18	25.2	2	0.50	0.3	0.1	1.79	0.05	0.06	4.67	0.08	-		2.88	0.09		2	1	+20391
+20392	19	13	47	+22	53.9	2	0.94	0.3	0.3	2.07	0.06	0.94	7.47	0.11	4.00		5.40	0.13		5	4	+20392
+20393	19	14	49	+21	50.0	1	0.50	0.3	1.5	1.71	0.05	0.87	6.34	0.07	1.59		4.63	0.09		4	3	+20393
+20394	19	16	15	+15	25.7	2	0.12	0.3	1.9	2.16	0.06	0.19	5.96	0.07	1.81		3.80	0.09		2	2	+20394
+20395	19	17	10	+16	46.0	2	6.25	0.3	2.5	2.93	0.08	0.37	7.06	0.09	0.50		4.13	0.12		4	4	+20395
+20396	19	17	19	+17	6.8	2	5.81	0.8	0.6	2.93	0.10	15.75	7.92	0.20	7.41		4.99	0.22	K,I	3	3	+20396
+20397	19	17	21	+22	57.1	2	1.75	0.3	0.7	1.46	0.04	1.12	5.65	0.06	2.62		4.19	0.07		4	3	+20397
+20398	19	17	24	+22	28.7	1	0.63	0.3	1.6	0.39	0.03	6.25	3.86	0.05	7.34		3.47	0.06		5	5	+20398
+20399	19	19	29	+17	34.5	2	0.19	0.3	1.1	-0.23	0.06	3.19	4.33	0.08	6.94		4.56	0.10	I	3	3	+20399
+20400	19	22	25	+17	39.9	2	0.37	0.3	0.1	2.76	0.10	0.12	6.62	0.09	0.25		3.86	0.13		2	2	+20400

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM		VAR	DA S	DD M	NO.
+20351	0 2 0 0 1 0 0 0 0 0	8.40	M0				+21	3344		1	0.6	+20351
+20352	0 2 0 0 2 0 0 1 0 0	7.10	M0			24855	+22	3303		-3	0.1	+20352
+20353	0 2 0 0 2 0 0 0 0 0	6.12	K4	III	6820	24869	+21	3347		1	0.2	+20353
+20354R	0 1 0 0 1 0 0 0 0 0	8.60					+15	3408		1	0.0	+20354
+20355	0 1 0 0 1 0 0 0 0 0	8.10	MA				+16	3426		-3	0.6	+20355
+20356	1 1 0 0 1 0 0 0 0 0	7.70	MB				+17	3520	IQ HER	0	0.3	+20356
+20357	0 1 0 0 2 0 0 0 0 0								YZ HER	-2	0.2	+20357
+20358	0 2 0 0 1 0 0 1 0 0	6.57	K5		6854	24982	+23	3299		0	-0.2	+20358
+20359	0 1 0 0 2 0 0 1 0 0											+20359
+20360	0 1 0 0 1 0 0 1 0 0	5.34	K4	II	6860	25003	+24	3381		2	0.1	+20360
+20361	0 2 0 0 2 0 0 0 0 0	4.96	M0	G	6868	25033	+21	3390		1	-0.2	+20361
+20362	0 2 0 0 1 0 0 1 0 0	5.49	K5	G	6882	25082	+23	3316		-1	-0.1	+20362
+20363	1 1 0 0 2 0 0 0 0 0	5.29	K3	III	6885	25093	+17	3555		0	0.0	+20363
+20364	0 1 0 0 2 0 0 0 0 0	3.82	K2	III	6895	25116	+21	3411		-2	-0.4	+20364
+20365	0 1 0 0 2 0 0 0 0 0	8.90					+16	3523		-2	-0.5	+20365
+20366	0 2 0 0 1 0 0 1 0 0	5.78	K5	G	6966	25328	+23	3363		1	0.1	+20366
+20367	0 1 0 0 1 0 0 0 0 0	8.50					+15	3511		-3	0.0	+20367
+20368	0 2 0 0 3 0 0 1 0 0											+20368
+20369	0 1 0 0 1 0 0 0 0 0	9.00					+18	3763		2	0.0	+20369
+20370	0 1 0 0 1 0 0 0 0 0											+20370
+20371	0 2 0 0 1 0 0 0 0 0											+20371
+20372	0 1 0 0 2 0 0 0 0 0	4.20	F6	V	7061	25698	+20	3926		0	-0.5	+20372
+20373	0 1 0 0 3 0 0 1 0 0											+20373
+20374	0 1 0 0 1 0 0 0 0 0	6.12	K5		7067	25729	+18	3817		1	-0.3	+20374
+20375	0 1 0 0 1 0 0 1 0 0											+20375
+20376	0 0 0 0 2 0 0 0 0 0								MZ HER	1	0.0	+20376
+20377	0 1 0 0 1 0 0 0 0 0	8.50	M5				+15	3574		-2	0.2	+20377
+20378	0 1 0 0 1 0 0 1 0 0	7.06	K5			25850	+23	3477		0	-0.6	+20378
+20379	0 2 0 0 1 0 0 1 0 0											+20379
+20380	0 1 0 0 3 0 0 2 0 0	4.59	G4	III	7133	25954	+22	3524		-1	-0.1	+20380
+20381	0 1 0 0 2 1 0 0 0 0								EU AQL	-2	0.0	+20381
+20382	0 1 0 0 3 0 0 2 0 0	6.24	M3	G	7183	26107	+22	3549		0	-0.1	+20382
+20383	0 0 0 0 3 0 0 1 0 0	8.50	B8				+22	3560		-5	0.0	+20383
+20384	0 0 0 0 2 0 0 0 0 0											+20384
+20385	0 1 0 0 1 0 0 0 0 0								V338 AQL	-2	-1.1	+20385
+20386	0 1 0 0 1 1 0 0 0 0											+20386
+20387	0 2 0 0 2 0 0 1 0 0											+20387
+20388	0 2 0 0 1 0 0 1 0 0	6.96	K2			26378	+23	3572		-2	0.2	+20388
+20389	0 1 0 0 3 0 0 0 0 0											+20389
+20390	0 1 0 0 3 0 0 0 0 0											+20390
+20391	0 1 0 0 1 0 0 0 0 0	6.71	K5			26547	+18	4011		0	-0.4	+20391
+20392	0 1 0 0 3 0 0 1 0 0	8.40	K0				+22	3638		12	2.6	+20392
+20393	0 1 0 0 3 0 0 0 0 0											+20393
+20394	0 1 0 0 1 0 0 0 0 0											+20394
+20395	0 1 0 0 2 1 0 0 0 0											+20395
+20396	0 1 0 0 1 1 0 0 0 0								W SGE	0	0.0	+20396
+20397	0 1 0 0 2 0 0 1 0 0											+20397
+20398	0 1 0 0 3 0 0 1 0 0	7.30	M3				+22	3660		0	0.1	+20398
+20399	0 1 0 0 1 1 0 0 0 0								T SGE	1	0.2	+20399
+20400	0 0 0 0 1 1 0 0 0 0	9.20	F0				+17	3954		2	-2.0	+20400

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+20401	19	22	39	+21	23.1	2	1.87	0.5	3.1	2.95	0.07	2.97	8.13	0.22	0.09		5.18	0.23		5	3	+20401
+20402	19	23	17	+19	41.6	2	1.00	0.3	1.5	2.69	0.06	0.12	4.52	0.06	0.25		1.83	0.08		4	4	+20402
+20403	19	23	43	+21	23.5	2	0.94	0.3	1.2	2.83	0.07	0.94	7.62	0.14	0.12		4.79	0.16		5	4	+20403
+20404	19	24	2	+16	34.6	2	5.94	0.3	1.6	2.71	0.08	10.00	8.55	0.57	-		5.84	0.58	K	5	1	+20404
+20405	19	24	19	+19	47.8	2	2.25	0.3	0.7	1.98	0.05	5.00	4.54	0.06	0.75		2.56	0.08		4	4	+20405
+20406	19	24	52	+23	29.7	2	4.31	0.3	0.4	2.85	0.07	1.50	7.41	0.16	0.06		4.56	0.17		3	2	+20406
+20407	19	26	41	+24	33.8	1	1.50	0.2	0.5	0.57	0.05	1.75	2.89	0.06	0.06		2.32	0.08		4	2	+20407
+20408	19	26	56	+23	9.6	2	0.19	0.3	0.6	2.88	0.08	0.75	7.13	0.10	0.09		4.25	0.13		3	3	+20408
+20409	19	27	10	+15	4.9	2	0.12	0.3	0.2	2.71	0.10	0.94	5.86	0.07	0.19		3.15	0.12		2	2	+20409
+20410	19	27	46	+22	36.4	2	2.19	0.3	2.2	2.82	0.07	1.09	5.72	0.05	5.75		2.90	0.09		5	4	+20410
+20411	19	28	34	+18	37.1	2	1.50	0.3	6.8	2.67	0.07	0.25	7.22	0.11	0.37		4.55	0.13		4	3	+20411
+20412	19	29	2	+23	24.2	2	3.37	0.3	0.4	2.82	0.08	0.09	8.65	0.56	-		5.83	0.57		3	1	+20412
+20413	19	31	9	+23	32.6	2	5.62	0.3	0.2	0.95	0.05	1.22	5.58	-	-	Q	4.63	-		3	3	+20413
+20414	19	31	35	+16	45.0	3	0.19	0.3	0.2	2.80	0.41	0.09	-	-	-		-	-		3	0	+20414
+20415	19	32	34	+23	46.8	2	0.94	0.3	0.9	2.41	0.07	0.19	5.79	0.06	6.09		3.38	0.09	I	3	3	+20415
+20416	19	32	56	+18	53.9	2	0.75	0.5	2.0	2.61	0.07	1.50	5.29	0.05	1.12		2.68	0.09		4	4	+20416
+20417	19	33	32	+22	12.6	1	4.06	0.3	10.0	2.58	0.05	1.09	7.22	0.10	2.62		4.64	0.11		5	4	+20417
+20418	19	34	13	+23	31.6	2	1.50	0.3	0.2	2.75	0.07	0.94	6.37	0.07	0.28		3.62	0.10		3	3	+20418
+20419	19	34	50	+21	36.9	2	3.44	0.3	12.2	2.90	0.08	0.31	9.59	0.11	0.12		6.69	0.14		5	4	+20419
+20420	19	36	13	+21	15.7	1	2.81	0.3	4.4	2.79	0.06	0.47	8.48	0.46	-		5.69	0.46		5	1	+20420
+20421	19	36	37	+15	37.3	2	0.12	0.5	0.1	2.65	0.09	0.06	6.25	0.08	1.25		3.60	0.12		2	2	+20421
+20422	19	37	5	+20	4.0	2	0.94	0.3	0.4	2.55	0.08	0.84	7.27	-	-	Q	4.72	-		3	3	+20422
+20423	19	37	6	+17	3.8	1	1.25	0.3	7.5	2.94	0.10	0.37	7.83	0.33	-		4.89	0.34		4	1	+20423
+20424R	19	37	10	+16	27.6	2	1.75	0.3	1.7	1.57	0.04	4.00	4.40	-	-	Q	2.83	-		4	4	+20424
+20425	19	37	37	+21	54.8	1	1.00	0.3	1.2	2.53	0.05	0.25	6.07	0.05	1.87		3.54	0.07		4	4	+20425
+20426	19	37	52	+17	53.8	2	0.50	0.3	4.3	2.62	0.09	0.12	3.81	0.10	-		1.19	0.13		4	1	+20426
+20427	19	38	47	+17	21.6	2	0.37	0.5	2.8	2.09	0.06	0.66	3.63	0.06	0.09		1.54	0.08		3	3	+20427
+20428	19	40	55	+23	24.5	2	0.94	0.3	1.3	2.75	0.08	0.47	7.53	-	-	Q	4.78	-		3	3	+20428
+20429	19	41	43	+23	4.4	2	0.94	0.3	9.1	2.17	0.06	0.16	6.35	0.06	2.87		4.18	0.08		5	4	+20429
+20430	19	42	19	+18	28.1	2	1.50	0.3	1.7	2.04	0.04	2.00	4.88	0.04	0.37		2.84	0.06		4	4	+20430
+20431	19	43	39	+20	27.5	2	1.87	0.5	0.4	2.85	0.07	1.87	7.35	0.12	0.09		4.50	0.14		3	3	+20431
+20432	19	45	9	+21	39.3	1	1.25	0.2	0.6	2.62	0.06	0.16	5.43	0.04	2.66		2.81	0.07		5	5	+20432
+20433	19	45	10	+18	24.6	1	4.12	0.3	0.7	-0.91	0.04	2.06	*	-	-		-	-		3	0*	+20433
+20434	19	46	4	+22	38.6	1	3.06	0.2	1.7	2.35	0.05	1.09	5.32	0.04	7.87		2.97	0.06		7	7	+20434
+20435	19	46	26	+21	33.1	2	1.25	0.3	0.5	2.79	0.07	1.00	7.54	0.22	-		4.75	0.23		4	1	+20435
+20436	19	47	18	+21	27.4	2	0.50	0.3	0.2	1.72	0.04	0.37	6.30	0.06	1.37		4.58	0.07		4	4	+20436
+20437	19	47	47	+21	45.0	1	4.25	0.3	0.5	2.37	0.05	2.00	6.56	0.07	5.12		4.19	0.09		4	4	+20437
+20438	19	48	5	+24	48.0	2	0.19	0.3	2.1	1.71	0.06	1.12	6.07	0.07	0.69		4.36	0.09		3	2	+20438
+20439	19	50	23	+22	19.7	1	4.50	0.2	0.7	-0.61	0.04	1.50	3.76	0.06	5.62		4.37	0.07		6	4	+20439
+20440	19	50	49	+16	17.4	2	3.87	0.3	0.1	2.30	0.08	0.87	6.33	-	-	Q	4.03	-		2	2	+20440
+20441	19	53	42	+15	29.6	2	1.50	0.3	0.1	2.15	0.06	3.50	7.11	0.13	2.87		4.96	0.14	K,I	2	2	+20441
+20442	19	54	52	+17	10.4	1	2.75	0.3	3.8	2.59	0.06	0.50	6.03	0.06	0.19		3.44	0.08		4	3	+20442
+20443	19	55	14	+24	7.8	2	6.56	0.3	5.3	2.38	0.06	2.66	6.37	0.09	0.94		3.99	0.11		5	3	+20443
+20444	19	56	16	+15	52.5	2	3.37	0.3	1.5	1.56	0.05	1.37	6.18	0.10	-		4.62	0.11		2	1	+20444
+20445	19	56	31	+19	21.5	1	3.75	0.3	1.2	-0.29	0.04	1.72	*	-	-		-	-		5	0*	+20445
+20446	19	57	49	+17	23.0	1	2.25	0.3	2.3	-0.08	0.05	1.37	2.83	0.05	1.12		2.91	0.07		4	4	+20446
+20447	19	58	44	+18	14.7	2	4.31	0.3	0.2	2.60	0.06	0.84	6.04	0.06	2.53		3.44	0.08		3	3	+20447
+20448	19	58	55	+15	8.9	2	4.12	0.3	0.2	2.82	0.07	1.03	6.74	0.15	0.94		3.92	0.17		3	2	+20448
+20449	20	1	1	+18	21.5	2	2.06	0.3	0.7	2.74	0.08	0.56	5.14	0.09	1.59		2.40	0.12		3	3	+20449
+20450	20	1	30	+21	21.5	2	0.31	0.5	0.3	2.39	0.05	0.78	5.05	0.04	4.22		2.66	0.06		5	5	+20450

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+20401	0 2 0 0 3 0 0 0 0 0											+20401
+20402	0 1 0 0 3 0 0 0 0 0	5.19	K0	III	7385	26821	+19	4010		0	-0.3	+20402
+20403	0 2 0 0 3 0 0 0 0 0											+20403
+20404	0 1 0 0 3 1 0 0 0 0											+20404
+20405	0 1 0 0 3 0 0 0 0 0	5.83	M0	G	7391	26844	+19	4017		1	0.3	+20405
+20406	0 1 0 0 1 0 0 1 0 0											+20406
+20407	0 1 0 0 1 0 0 2 0 0	4.41	M0	III	7405	26904	+24	3759		3	0.0	+20407
+20408	0 1 0 0 1 0 0 1 0 0											+20408
+20409	0 1 0 0 1 0 0 0 0 0	8.20	K5P				+14	3937		1	0.0	+20409
+20410	0 1 0 0 3 0 0 1 0 0	7.10	K2				+22	3712		0	0.3	+20410
+20411	0 1 0 0 2 1 0 0 0 0											+20411
+20412	0 1 0 0 1 0 0 1 0 0											+20412
+20413	0 1 0 0 1 0 0 1 0 0								EP VUL	-2	-0.1	+20413
+20414	0 1 0 0 1 1 0 0 0 0	8.50	MA				+16	3893		0	-0.1	+20414
+20415	0 1 0 0 1 0 0 1 0 0	8.90	F0				+23	3693		0	-2.6	+20415
+20416	0 1 0 0 2 1 0 0 0 0	6.89	K2			27065	+18	4137		1	0.2	+20416
+20417	0 2 0 0 3 0 0 0 0 0											+20417
+20418	0 1 0 0 1 0 0 1 0 0											+20418
+20419	0 3 0 0 2 0 0 0 0 0											+20419
+20420	0 3 0 0 2 0 0 0 0 0											+20420
+20421	0 1 0 0 1 0 0 0 0 0								LU AQL	1	0.0	+20421
+20422	0 1 0 0 2 0 0 0 0 0											+20422
+20423	0 2 0 0 1 1 0 0 0 0											+20423
+20424R	0 1 0 0 2 1 0 0 0 0	6.43	M0	II	7475	27195	+16	3936		0	0.3	+20424
+20425	0 2 0 0 2 0 0 0 0 0	8.50	M3				+21	3864		0	0.1	+20425
+20426	0 2 0 0 1 1 0 0 0 0	4.38	G0	II	7479	27215	+17	4042		0	-0.1	+20426
+20427	0 1 0 0 1 1 0 0 0 0	4.37	G8	II	7488	27236	+17	4048		-1	0.1	+20427
+20428	0 1 0 0 1 0 0 1 0 0								V659 AQL	6	-2.5	+20428
+20429	0 2 0 0 2 0 0 1 0 0											+20429
+20430	0 2 0 0 1 1 0 0 0 0	7.03	M0			27326	+18	4216		1	0.1	+20430
+20431	0 1 0 0 2 0 0 0 0 0											+20431
+20432	0 3 0 0 2 0 0 0 0 0	7.01	K5			27389	+21	3909		0	0.4	+20432
+20433	0 1 0 0 1 1 0 0 0 0	3.82	M2	II	7536	27391	+18	4240		0	0.0	+20433
+20434	0 2 0 0 4 0 0 1 0 0	7.50	K2				+22	3812		0	0.4	+20434
+20435	0 2 0 0 2 0 0 0 0 0											+20435
+20436	0 2 0 0 2 0 0 0 0 0											+20436
+20437	0 2 0 0 2 0 0 0 0 0											+20437
+20438	0 1 0 0 1 0 0 1 0 0											+20438
+20439	0 2 0 0 3 0 0 1 0 0	8.00	A2				+22	3840		1	0.2	+20439
+20440	0 1 0 0 1 0 0 0 0 0											+20440
+20441	0 1 0 0 1 0 0 0 0 0											+20441
+20442	0 1 0 0 1 2 0 0 0 0	8.70					+16	4075		-2	-0.2	+20442
+20443	0 2 0 0 2 0 0 1 0 0											+20443
+20444	0 1 0 0 1 0 0 0 0 0								V744 AQL	-3	-2.4	+20444
+20445	0 1 0 0 3 1 0 0 0 0	3.47	K5	III	7635	27672	+19	4229		-1	0.2	+20445
+20446	0 1 0 0 1 2 0 0 0 0	5.39	M4	G	7645	27711	+17	4183	VZ SGE	0	0.3	+20446
+20447	0 1 0 0 1 1 0 0 0 0	8.80					+17	4193		0	-0.2	+20447
+20448	0 1 0 0 2 0 0 0 0 0								V433 AQL	1	-0.4	+20448
+20449	0 1 0 0 1 1 0 0 0 0	6.00	K3	II	7662	27808	+18	4365		-1	-0.1	+20449
+20450	0 2 0 0 3 0 0 0 0 0	6.88	M0			27818	+21	4036		-2	0.2	+20450

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+20451	20	1	43	+20	55.0	2	2.25	0.3	6.5	2.91	0.08	1.25	5.76	0.05	4.37		2.85	0.09		4	4	+20451
+20452	20	2	53	+20	30.0	2	0.19	0.3	2.8	1.97	0.05	3.37	6.13	-	-	Q	4.16	-		3	3	+20452
+20453	20	2	56	+19	50.9	2	1.87	0.3	1.6	2.71	0.08	0.16	4.40	0.07	0.47		1.69	0.11		5	5	+20453
+20454	20	3	11	+15	20.2	2	7.00	0.3	3.8	1.90	0.05	1.50	4.66	0.08	-		2.76	0.09		4	1	+20454
+20455	20	3	37	+19	6.0	2	6.19	0.5	0.7	2.54	0.07	0.28	6.78	0.08	3.66		4.24	0.11		3	3	+20455
+20456	20	4	27	+24	17.2	1	6.25	0.2	1.2	1.70	0.04	1.09	6.31	0.06	4.69		4.61	0.07		5	5	+20456
+20457	20	5	49	+16	31.1	2	0.25	0.3	0.7	1.46	0.04	1.62	4.38	0.15	-		2.92	0.16		4	1	+20457
+20458	20	9	1	+18	19.9	2	1.75	0.3	1.2	2.72	0.08	1.75	6.53	0.09	0.37		3.81	0.12		4	2	+20458
+20459R	20	11	16	+16	6.3	2	0.12	0.7	0.5	2.30	0.09	0.31	5.25	-	-	Q	2.95	-		2	1	+20459
+20460	20	11	59	+16	51.5	2	1.25	0.3	2.8	2.50	0.07	1.00	6.07	0.05	3.37		3.57	0.09		4	4	+20460
+20461	20	13	20	+23	21.1	2	4.50	0.8	0.2	2.96	0.08	0.25	4.58	0.08	0.87		1.62	0.11		4	4	+20461
+20462R	20	18	5	+17	38.1	2	0.25	0.3	1.5	2.20	0.05	0.25	4.55	-	-	Q	2.35	-		4	4	+20462
+20463	20	19	20	+22	42.0	1	0.75	0.3	3.0	2.84	0.06	3.00	5.35	0.04	2.06		2.51	0.07		6	6	+20463
+20464	20	20	8	+16	45.3	1	0.94	0.2	0.9	1.37	0.04	2.66	4.66	0.05	1.12		3.29	0.06		5	4	+20464
+20465	20	21	2	+18	12.2	2	1.12	0.3	2.3	1.48	0.05	1.41	5.24	0.06	0.47		3.76	0.08		3	3	+20465
+20466	20	22	18	+15	58.8	2	0.12	0.3	0.1	2.90	0.09	0.06	5.62	0.07	0.31		2.72	0.11		2	2	+20466
+20467	20	22	57	+16	49.8	2	2.19	0.5	5.6	2.07	0.07	0.78	5.71	0.04	1.41		3.64	0.08		5	5	+20467
+20468	20	23	7	+23	50.3	2	4.12	0.5	0.4	2.31	0.07	0.56	6.43	0.06	5.81		4.12	0.09		6	6	+20468
+20469	20	25	26	+22	4.6	2	1.87	0.3	0.3	2.30	0.05	1.25	5.44	0.05	2.81		3.14	0.07		5	5	+20469
+20470	20	26	53	+16	6.4	2	0.37	0.3	0.4	0.50	0.06	0.06	4.26	0.10	1.56		3.76	0.12		2	2	+20470
+20471	20	29	52	+18	27.6	2	0.75	0.3	0.2	2.13	0.05	0.84	5.10	-	-	Q	2.97	-		3	3	+20471
+20472	20	31	35	+20	37.5	2	1.12	0.3	0.9	2.09	0.05	0.47	7.03	0.10	2.81		4.94	0.11		3	3	+20472
+20473	20	32	2	+19	21.6	1	0.75	0.3	0.7	1.98	0.05	3.94	5.05	0.03	5.06		3.07	0.06		6	6	+20473
+20474	20	35	38	+18	5.9	1	1.50	0.3	0.7	-1.10	0.04	1.87	2.34	0.05	0.09		3.44	0.06		4	3*	+20474
+20475	20	37	56	+19	17.7	1	4.06	0.3	1.9	2.07	0.06	6.09	6.46	0.15	-		4.39	0.16		5	1	+20475
+20476	20	40	44	+21	52.3	2	1.00	0.3	1.2	2.70	0.07	0.63	7.24	0.10	7.37		4.54	0.12	I	4	4	+20476
+20477R	20	40	44	+16	54.5	1	0.50	0.3	6.8	1.97	0.05	4.87	5.53	-	-	Q	3.56	-		4	3	+20477
+20478	20	41	41	+17	23.4	2	2.25	0.5	0.7	2.96	0.10	0.09	6.01	0.06	0.84		3.05	0.12		3	3	+20478
+20479	20	41	43	+19	3.5	2	0.37	0.3	0.2	1.60	0.06	9.47	6.50	0.08	0.09		4.90	0.10	K	3	3	+20479
+20480	20	43	1	+16	13.1	2	0.12	0.5	0.1	2.98	0.09	7.81	6.70	0.10	11.44		3.72	0.13	K,I	2	2	+20480
+20481	20	43	14	+17	54.4	1	1.25	0.3	2.0	-0.36	0.06	8.37	2.92	0.06	1.03		3.28	0.08	K	4	3	+20481
+20482R	20	44	17	+15	56.8	2	0.87	0.3	0.1	1.82	0.05	1.81	3.22	0.07	0.06		1.40	0.09		2	2	+20482
+20483	20	45	4	+15	36.6	2	1.00	0.5	0.1	2.98	0.11	0.06	7.48	0.16	0.06		4.50	0.19		2	2	+20483
+20484	20	45	31	+19	8.6	2	1.12	0.5	0.4	2.74	0.08	24.00	6.19	0.07	7.87		3.45	0.11	K,I	3	2	+20484
+20485	20	45	34	+22	4.9	2	0.75	0.5	1.7	2.69	0.07	0.50	6.09	0.06	2.25		3.40	0.09		4	4	+20485
+20486	20	46	37	+22	48.6	1	4.81	0.2	1.7	0.11	0.05	1.31	3.78	0.05	5.25		3.67	0.07		7	6	+20486
+20487	20	47	47	+16	48.0	2	2.81	0.3	0.3	2.81	0.07	1.25	6.53	0.06	0.94		3.72	0.09		5	5	+20487
+20488	20	49	37	+23	8.7	2	3.50	0.3	2.5	2.98	0.08	1.25	5.73	0.08	0.06		2.75	0.11		4	2	+20488
+20489	20	50	41	+24	43.4	1	1.50	0.3	3.5	2.41	0.05	0.63	5.12	0.05	0.50		2.71	0.07		4	4	+20489
+20490	20	50	48	+23	11.0	2	2.50	0.3	0.2	1.02	0.04	12.50	6.39	0.06	32.00		5.37	0.07	K,I	4	4	+20490
+20491	20	51	10	+20	44.4	2	3.75	0.5	0.2	2.84	0.09	4.62	6.00	0.06	0.84		3.16	0.11		4	3	+20491
+20492	20	52	36	+17	26.7	2	0.75	0.5	1.5	2.87	0.08	6.75	6.71	-	-	Q	3.84	-	K	3	3	+20492
+20493	20	54	50	+16	3.3	2	0.37	0.3	0.6	1.11	0.05	1.41	4.50	0.10	0.09		3.39	0.11		3	3	+20493
+20494	20	56	2	+22	7.9	2	0.19	0.3	0.9	2.06	0.05	0.94	4.23	0.09	0.37		2.17	0.10		3	3	+20494
+20495	20	56	3	+23	42.0	2	2.25	0.3	0.2	2.67	0.07	1.62	5.65	0.06	0.56		2.98	0.09		4	3	+20495
+20496	20	56	50	+22	9.9	2	1.50	0.3	1.3	2.61	0.07	0.75	5.38	0.08	0.56		2.77	0.11		3	2	+20496
+20497	20	58	11	+19	8.2	2	0.19	0.3	0.2	1.21	0.05	0.19	3.81	0.06	1.03		2.60	0.08		3	3	+20497
+20498	20	59	34	+18	47.9	2	1.50	0.3	0.2	1.74	0.06	0.94	5.53	0.06	3.75		3.79	0.08		3	3	+20498
+20499	21	0	22	+15	46.0	2	2.06	0.3	5.3	2.57	0.07	0.47	5.29	0.06	0.09		2.72	0.09		3	3	+20499
+20500	21	0	58	+24	15.1	1	2.19	0.2	5.3	2.28	0.05	0.94	5.32	0.05	1.41		3.04	0.07		5	5	+20500

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
+20451	0 2 0 0 2 0 0 0 0 0	7.00	K0				+20 4406		2	0.5	+20451
+20452	0 1 0 0 2 0 0 0 0 0							X SGE	1	-0.3	+20452
+20453	0 1 0 0 3 1 0 0 0 0	5.08	K2	III	7679	27868	+19 4277		-1	0.1	+20453
+20454	0 2 0 0 2 0 0 0 0 0	5.38	M2	III	7680	27872	+15 4040		2	-1.1	+20454
+20455	0 1 0 0 1 1 0 0 0 0	8.40					+18 4381	BO SGE	6	-0.9	+20455
+20456	0 2 0 0 2 0 0 1 0 0	8.50	G0				+24 4002	DK VUL	-9	-0.4	+20456
+20457	0 1 0 0 2 1 0 0 0 0	6.50	M3	G	7696	27940	+16 4153		-1	0.1	+20457
+20458	0 1 0 0 1 2 0 0 0 0										+20458
+20459R	0 1 0 0 1 0 0 0 0 0	7.01	K5			28078	+15 4096		-2	-0.5	+20459
+20460	0 1 0 0 2 1 0 0 0 0										+20460
+20461	0 2 0 0 1 0 0 1 0 0	5.17	G2	II	7741	28144	+23 3944		0	-0.2	+20461
+20462R	0 1 0 0 2 1 0 0 0 0	5.85	K5	G	7780	28292	+17 4294		0	0.1	+20462
+20463	0 2 0 0 3 0 0 1 0 0	6.75	K5			28314	+22 4028		-2	0.7	+20463
+20464	0 1 0 0 3 1 0 0 0 0	7.70	MA				+16 4237		-2	-0.1	+20464
+20465	0 1 0 0 1 1 0 0 0 0	8.60	MC				+17 4310		0	-0.1	+20465
+20466	0 1 0 0 1 0 0 0 0 0	7.10	K5				+15 4152		0	-0.1	+20466
+20467	0 1 0 0 3 1 0 0 0 0	9.00					+16 4255		-2	-0.2	+20467
+20468	0 4 0 0 1 0 0 1 0 0										+20468
+20469	0 3 0 0 2 0 0 0 0 0	8.00	K5				+21 4214		0	0.3	+20469
+20470	0 1 0 0 1 0 0 0 0 0	8.10	MC				+15 4172	RT DEL	1	0.0	+20470
+20471	0 1 0 0 1 1 0 0 0 0	7.20	MB				+18 4525		0	0.2	+20471
+20472	0 1 0 0 2 0 0 0 0 0										+20472
+20473	0 1 0 0 3 2 0 0 0 0	7.70	MB				+19 4450		0	0.1	+20473
+20474	0 2 0 0 1 1 0 0 0 0	6.27	M6	G	7886	28720	+17 4370	EU DEL	0	0.4	+20474
+20475	0 1 0 0 3 1 0 0 0 0										+20475
+20476	0 2 0 0 2 0 0 0 0 0										+20476
+20477R	0 1 0 0 2 1 0 0 0 0	8.40	M5			28867	+16 4351	S DEL	-3	0.0	+20477
+20478	0 1 0 0 1 1 0 0 0 0	8.00	M0			28898	+17 4389		0	0.0	+20478
+20479	0 1 0 0 1 1 0 0 0 0	9.00					+18 4596		8	1.2	+20479
+20480	0 1 0 0 1 0 0 0 0 0	8.30	M4E			28925	+15 4245	T DEL	-1	0.2	+20480
+20481	0 2 0 0 1 1 0 0 0 0	5.60	M5	II	7941	28930	+17 4401	U DEL	3	-0.1	+20481
+20482R	0 1 0 0 1 0 0 0 0 0	4.27	K1	IV	7948	28966	+15 4255		-2	0.2	+20482
+20483	0 1 0 0 1 0 0 0 0 0										+20483
+20484	0 1 0 0 1 1 0 0 0 0							V DEL	1	-0.4	+20484
+20485	0 2 0 0 2 0 0 0 0 0	8.40	M0				+21 4356		0	0.6	+20485
+20486	0 3 0 0 3 0 0 1 0 0	8.10	M3				+22 4203	FL VUL	-2	0.1	+20486
+20487	0 1 0 0 2 2 0 0 0 0										+20487
+20488	0 2 0 0 1 0 0 1 0 0	7.70	K5				+22 4223		-1	0.2	+20488
+20489	0 2 0 0 1 0 0 1 0 0	6.91	K5			29130	+24 4263		-2	-0.1	+20489
+20490	0 2 0 0 1 0 0 1 0 0							RX VUL	0	0.1	+20490
+20491	0 1 0 0 3 0 0 0 0 0	8.00	M0				+20 4752		0	-0.1	+20491
+20492	0 1 0 0 1 1 0 0 0 0							X DEL	0	-0.3	+20492
+20493	0 1 1 0 1 0 0 0 0 0	7.50	MB				+15 4297		-2	-0.2	+20493
+20494	0 1 0 0 2 0 0 0 0 0	5.33	K4	G	8032	29267	+21 4424		0	0.0	+20494
+20495	0 2 0 0 1 0 0 1 0 0	8.10	K5				+23 4201		3	0.0	+20495
+20496	0 1 0 0 2 0 0 0 0 0	7.04	K5			29289	+21 4426		1	0.6	+20496
+20497	0 1 0 0 1 1 0 0 0 0	5.73	M3	G	8044	29329	+18 4675		1	0.2	+20497
+20498	0 1 0 0 1 1 0 0 0 0	8.20	MB				+18 4680		-2	-0.2	+20498
+20499	0 1 1 0 1 0 0 0 0 0	7.04	M0			29379	+15 4317		-5	-0.1	+20499
+20500	0 3 0 0 1 0 0 1 0 0	7.90	M0				+23 4222		0	-0.1	+20500

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+20501	21	1	17	+23	47.8	1	1.75	0.2	0.9	-0.08	0.05	1.75	3.53	0.05	0.31		3.61	0.07		7	5	+20501
+20502	21	1	57	+22	19.0	2	1.00	0.3	0.5	2.70	0.09	1.12	7.16	0.13	0.28		4.46	0.16		4	3	+20502
+20503	21	12	52	+18	24.6	2	0.25	0.5	1.2	2.96	0.07	2.12	5.88	0.05	0.37		2.92	0.09		4	4	+20503
+20504	21	17	1	+23	16.0	2	0.37	0.3	1.5	1.72	0.06	2.34	5.14	0.06	0.94		3.42	0.08		3	3	+20504
+20505	21	19	45	+19	35.8	2	2.25	0.3	0.2	1.60	0.04	0.75	3.22	0.05	0.87		1.62	0.06		4	4	+20505
+20506	21	20	14	+21	47.1	2	4.50	0.3	0.7	2.48	0.07	6.00	8.31	0.24	1.25		5.83	0.25		4	4	+20506
+20507	21	21	4	+23	15.7	2	0.25	0.3	3.3	3.12	0.09	8.25	6.62	-	-	Q	3.50	-	K	4	3	+20507
+20508	21	21	9	+23	2.1	1	2.50	0.3	2.5	2.30	0.06	6.50	6.41	0.08	1.19		4.11	0.10	K	4	2	+20508
+20509	21	21	19	+24	5.4	2	0.63	0.5	0.1	2.94	0.12	0.06	6.27	0.18	-		3.33	0.22		2	1	+20509
+20510	21	26	5	+24	24.9	2	0.50	0.3	0.4	1.71	0.06	0.06	5.54	-	-	Q	3.83	-		2	2	+20510
+20511	21	26	43	+21	57.6	2	3.94	0.3	1.1	-0.23	0.05	0.94	3.06	0.06	0.56		3.29	0.08		3	3	+20511
+20512	21	27	40	+23	25.2	1	2.00	0.3	3.8	0.52	0.04	1.00	2.89	0.05	2.87		2.37	0.06		4	4	+20512
+20513	21	29	59	+24	15.5	2	1.12	0.3	1.1	2.45	0.08	1.69	6.20	0.07	0.47		3.75	0.11		3	3	+20513
+20514	21	36	6	+24	42.0	2	1.25	0.3	0.5	2.09	0.07	0.06	6.45	0.10	0.06		4.36	0.12		2	2	+20514
+20515	21	38	43	+21	58.3	2	2.37	0.5	1.1	2.80	0.09	0.37	5.75	0.08	0.19		2.95	0.12		2	2	+20515
+20516	21	40	19	+21	28.6	2	0.12	0.3	3.1	2.53	0.08	0.06	7.11	0.14	1.69		4.58	0.16		2	2	+20516
+20517	21	40	26	+22	15.4	2	0.25	0.3	0.1	2.33	0.08	0.06	5.99	0.08	0.69		3.66	0.11		2	2	+20517
+20518	21	42	8	+17	7.3	2	0.25	0.3	1.2	1.89	0.06	0.50	3.52	0.07	0.09		1.63	0.09		4	3	+20518
+20519	21	43	46	+22	43.3	1	0.50	0.3	1.2	2.23	0.05	3.00	4.30	0.07	1.37		2.07	0.09		4	4	+20519
+20520	21	44	53	+23	37.3	2	1.50	0.3	0.7	2.93	0.09	1.25	6.28	0.07	1.41		3.35	0.11		4	3	+20520
+20521	21	49	56	+21	2.1	2	0.25	0.3	0.1	0.69	0.05	0.37	3.73	0.09	1.00		3.04	0.10		2	2	+20521
+20522	21	51	18	+18	56.5	2	0.12	0.5	0.1	2.22	0.08	1.12	5.32	0.06	0.06		3.10	0.10		2	2	+20522
+20523	21	54	1	+22	37.8	2	0.75	0.3	0.2	2.23	0.05	1.00	6.04	0.06	8.62		3.81	0.08	I	4	4	+20523
+20524	21	54	4	+21	0.2	2	0.94	0.3	0.2	2.18	0.06	1.97	5.04	-	-	Q	2.86	-		3	3	+20524
+20525R	21	54	52	+17	31.5	2	1.50	0.3	0.4	1.97	0.07	0.94	5.29	-	-	Q	3.32	-		3	3	+20525
+20526	21	57	30	+23	42.0	1	1.00	0.3	0.2	-0.36	0.05	0.87	3.21	0.07	5.50		3.57	0.09		4	4	+20526
+20527	22	4	18	+24	43.6	2	2.25	0.3	1.2	2.21	0.05	5.00	6.54	0.07	2.75		4.33	0.09		4	4	+20527
+20528	22	5	5	+17	45.5	2	0.50	0.3	0.2	1.61	0.06	0.87	4.41	0.09	0.09		2.80	0.11		4	3	+20528
+20529	22	9	34	+23	31.7	2	2.25	0.3	0.2	2.77	0.09	1.59	5.72	0.08	0.69		2.95	0.12		3	2	+20529
+20530	22	9	46	+24	42.1	2	1.31	0.3	3.8	2.59	0.06	2.62	4.84	0.06	0.37		2.25	0.08		3	3	+20530
+20531	22	16	58	+15	17.4	2	0.56	0.5	1.5	2.75	0.10	0.28	5.41	0.07	0.75		2.66	0.12		3	3	+20531
+20532	22	31	37	+24	18.6	1	6.25	0.3	1.9	1.00	0.05	0.94	5.90	0.06	32.00		4.90	0.08	I	5	4	+20532
+20533	22	36	33	+20	52.1	2	0.50	0.7	0.1	2.86	0.10	1.37	7.67	0.19	0.06		4.81	0.21		2	2	+20533
+20534	22	39	19	+20	54.4	2	0.25	0.7	0.1	1.79	0.06	0.06	5.90	0.08	0.87		4.11	0.10		2	2	+20534
+20535	22	41	17	+22	55.4	2	1.00	0.3	0.5	1.98	0.04	0.50	5.91	-	-	Q	3.93	-		4	4	+20535
+20536	22	44	8	+23	18.1	2	2.25	0.3	0.2	1.61	0.05	0.63	3.18	0.07	0.19		1.57	0.09		4	3	+20536
+20537	22	47	33	+24	20.2	2	1.69	0.3	2.1	1.35	0.05	0.37	2.74	0.06	0.12		1.39	0.08		3	2	+20537
+20538	22	48	53	+17	51.3	2	0.19	0.3	1.5	1.40	0.06	0.75	5.31	0.07	1.00		3.91	0.09		3	2	+20538
+20539	22	52	8	+16	41.0	1	0.25	0.3	1.5	0.85	0.04	0.37	3.93	0.06	0.25		3.08	0.07		4	4	+20539
+20540	22	52	16	+24	6.9	1	3.75	0.3	0.7	1.92	0.05	0.56	5.04	0.06	2.16		3.12	0.08		3	3	+20540
+20541	22	52	34	+19	17.9	2	2.00	0.3	1.5	1.88	0.06	0.75	4.96	0.05	0.66		3.08	0.08		4	3	+20541
+20542	22	55	23	+17	45.5	2	1.25	0.3	3.8	2.05	0.08	0.25	6.18	0.07	1.37		4.13	0.11		4	4	+20542
+20543	22	55	37	+21	14.7	2	0.56	0.3	0.7	1.84	0.05	0.75	5.09	0.05	2.91		3.25	0.07		3	3	+20543
+20544	22	56	34	+24	38.1	2	3.56	0.5	0.9	2.96	0.08	0.56	6.29	0.08	0.75		3.33	0.11		3	3	+20544
+20545	22	58	2	+19	8.4	2	0.12	0.5	0.6	2.53	0.08	1.37	6.41	0.09	0.06		3.88	0.12		2	2	+20545
+20546	23	8	14	+17	20.4	2	2.81	0.3	0.2	2.62	0.09	0.09	4.76	0.08	0.06		2.14	0.12		3	2	+20546
+20547	23	19	19	+20	21.9	2	0.12	0.3	0.6	2.30	0.07	0.06	5.34	0.07	1.69		3.04	0.10		2	2	+20547
+20548	23	22	53	+23	7.5	2	2.50	0.3	1.5	2.99	0.11	0.37	4.08	0.10	0.06		1.09	0.15		2	2	+20548
+20549	23	29	57	+23	34.5	3	0.12	1.3	0.1	2.88	0.12	0.06	5.24	0.08	0.12		2.36	0.14		2	2	+20549
+20550	23	31	0	+22	13.5	2	0.12	0.3	0.1	-0.33	0.06	0.06	2.78	0.08	0.06		3.11	0.10		2	2	+20550

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+20501	0 5 0 0 1 0 0 1 0 0	7.45	M3			29413	+23	4224	DY VUL	0	-0.1	+20501
+20502	0 1 0 0 2 1 0 0 0 0	8.80	K2				+21	4457		0	-0.5	+20502
+20503	0 1 0 0 1 2 0 0 0 0	7.70	MA				+18	4743		-1	0.0	+20503
+20504	0 1 0 0 1 1 0 0 0 0	8.20	M3				+22	4364		1	0.3	+20504
+20505	0 1 0 0 2 1 0 0 0 0	4.09	K1	III	8173	29914	+19	4691		-2	0.4	+20505
+20506	0 2 0 0 2 0 0 0 0 0								SW PEG	1	0.1	+20506
+20507	0 1 0 0 2 1 0 0 0 0								BM PEG	1	0.3	+20507
+20508	0 1 0 0 2 1 0 0 0 0											+20508
+20509	0 1 0 0 1 0 0 0 0 0	8.50	M2				+23	4298		0	0.4	+20509
+20510	0 1 0 0 1 0 0 0 0 0	8.70	M0				+23	4319		1	-0.1	+20510
+20511	0 1 0 0 2 0 0 0 0 0	5.93	M4	G	8223	30078	+21	4555		0	0.0	+20511
+20512	0 1 0 0 2 1 0 0 0 0	4.55	M1	III	8225	30109	+23	4325		-2	0.1	+20512
+20513	0 1 0 0 1 1 0 0 0 0								DW PEG	1	0.5	+20513
+20514	0 1 0 0 1 0 0 0 0 0								DR PEG	0	1.2	+20514
+20515	0 1 0 0 1 0 0 0 0 0	7.60	K5				+21	4599		-2	0.2	+20515
+20516	0 1 0 0 1 0 0 0 0 0								CK PEG	0	1.8	+20516
+20517	0 1 0 0 1 0 0 0 0 0								VX PEG	-2	0.5	+20517
+20518	0 2 1 0 0 1 0 0 0 0	4.35	G5	II	8313	30444	+16	4582		-1	0.1	+20518
+20519	0 1 0 0 2 1 0 0 0 0	5.29	K0	II	8321	30479	+22	4472		-1	0.2	+20519
+20520	0 1 0 0 2 1 0 0 0 0								DX PEG	-2	-0.1	+20520
+20521	0 1 0 0 1 0 0 0 0 0	6.84	M4		8350	30615	+20	5027		-2	-0.1	+20521
+20522	0 1 0 0 0 1 0 0 0 0	7.50	MA				+18	4878		1	0.2	+20522
+20523	0 1 0 0 2 1 0 0 0 0								RX PEG	-3	0.4	+20523
+20524	0 1 0 0 2 0 0 0 0 0	6.51	K5		8372	30710	+20	5046		0	0.2	+20524
+20525R	0 1 1 0 0 1 0 0 0 0	8.70	MC				+17	4665		-4	0.1	+20525
+20526	0 2 0 0 1 1 0 0 0 0	7.00	M3			30777	+23	4442		-1	-0.1	+20526
+20527	0 1 0 0 2 1 0 0 0 0											+20527
+20528	0 2 1 0 0 1 0 0 0 0	6.25	M1		8436	30945	+17	4693		-2	0.1	+20528
+20529	0 1 0 0 1 1 0 0 0 0	8.40	M3				+23	4484		-2	-0.1	+20529
+20530	0 1 0 0 1 1 0 0 0 0	5.99	K0		8466	31064	+24	4548		-3	0.0	+20530
+20531	0 0 1 0 1 1 0 0 0 0	7.19	K5			31216	+14	4772		0	-0.3	+20531
+20532	0 1 0 0 2 2 0 0 0 0								SS PEG	1	0.3	+20532
+20533	0 1 0 0 1 0 0 0 0 0											+20533
+20534	0 1 0 0 1 0 0 0 0 0								BC PEG	-5	-0.2	+20534
+20535	0 2 0 0 1 1 0 0 0 0								BE PEG	-1	0.6	+20535
+20536	0 2 0 0 1 1 0 0 0 0	3.95	G8	II	8667	31776	+22	4709		1	0.0	+20536
+20537	0 1 0 0 1 1 0 0 0 0	3.50	G8	III	8684	31851	+23	4615		-3	0.0	+20537
+20538	0 1 1 0 0 1 0 0 0 0								AF PEG	-3	0.1	+20538
+20539	0 0 1 0 1 2 0 0 0 0	6.31	S5		8714	31945	+16	4833		0	0.5	+20539
+20540	0 1 0 0 1 1 0 0 0 0	7.90	M3				+23	4633		1	-0.3	+20540
+20541	0 1 1 0 1 1 0 0 0 0	7.60	MB				+18	5067		-1	0.3	+20541
+20542	0 0 2 0 0 2 0 0 0 0								BI PEG	0	0.6	+20542
+20543	0 1 0 0 2 0 0 0 0 0	7.70	M3				+20	5252		-3	0.0	+20543
+20544	0 1 0 0 1 1 0 0 0 0	8.50	M2				+24	4689		-1	-1.1	+20544
+20545	0 0 1 0 0 1 0 0 0 0											+20545
+20546	0 0 2 0 0 1 0 0 0 0	5.68	K4	G	8824	32291	+16	4882		0	1.0	+20546
+20547	0 0 1 0 1 0 0 0 0 0	7.40	MA				+19	5091		-2	0.0	+20547
+20548	0 1 0 0 0 1 0 0 0 0	4.44	F8	IV	8905	32585	+22	4833		0	-0.2	+20548
+20549	0 1 0 0 0 1 0 0 0 0	6.61	K5			32740	+23	4759		-2	0.4	+20549
+20550	0 1 0 0 1 0 0 0 0 0	5.34	M5	G	8940	32759	+21	4952		2	0.1	+20550

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+20551	23 31 23	+20 35.1	2	0.12	0.5	0.1	0.99	0.06	0.06	3.91	0.08	0.06		2.92	0.10		2	2	+20551
+20552	23 33 26	+24 17.5	2	0.56	0.5	2.6	1.86	0.06	0.84	4.69	0.12	0.19		2.83	0.13		3	3	+20552
+20553	23 39 13	+22 9.6	2	4.75	0.7	0.5	3.00	0.10	0.56	6.95	0.12	0.06		3.95	0.16		2	2	+20553
+20554	23 49 50	+21 23.5	2	0.12	0.3	1.5	2.01	0.06	0.31	4.83	0.08	-		2.82	0.10		2	1	+20554
+20555	23 49 56	+18 50.8	2	0.50	0.3	0.7	0.60	0.05	0.06	3.18	0.07	0.19		2.58	0.09		2	2	+20555
+20556	23 54 8	+22 22.2	2	3.00	0.3	1.1	1.96	0.05	2.44	4.61	0.07	0.56		2.65	0.09		3	3	+20556
+20557	23 55 11	+24 51.9	2	1.50	0.3	0.1	-0.13	0.06	0.63	2.61	0.08	0.06		2.74	0.10		2	2	+20557
+20558	23 57 34	+19 58.0	2	0.63	0.5	0.9	2.47	0.09	0.56	6.23	0.08	7.37		3.76	0.12	I	2	2	+20558

NO.	OBSERVATIONAL RECORD	V	TYPE	CLASS	OTHER CATALOGS			VAR	DA	DD	NO.
	. 65 . 66 . 67 .				BS=HR	GC	DM		S	M	
+20551	0 0 1 0 1 0 0 0 0 0	6.08	M3	G	8942	32771	+20 5352		-2	1.2	+20551
+20552	0 1 0 0 1 1 0 0 0 0	6.40	M1		8953	32814	+23 4769		0	0.4	+20552
+20553	0 1 0 0 1 0 0 0 0 0										+20553
+20554	0 1 0 0 1 0 0 0 0 0	6.08	M2	G	9035	33117	+20 5386		-2	-0.1	+20554
+20555	0 0 1 0 0 1 0 0 0 0	5.05	M2	G	9036	33119	+18 5231		-1	0.2	+20555
+20556	0 1 0 0 1 1 0 0 0 0	6.28	M2	G	9055	33208	+21 4999		0	0.1	+20556
+20557	0 1 0 0 0 1 0 0 0 0	4.67	M3	III	9064	33230	+24 4865		-2	0.1	+20557
+20558	0 0 1 0 1 0 0 0 0 0							EP PEG	0	0.3	+20558

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+20060	2.40	0.14	5.62	0.09		9063
+20060	2.49	0.10	5.86	0.09		9384
+20108	2.13	0.13	5.00	0.11		9056
+20108	2.17	0.10	5.30	0.09		9423
+20117	2.59	0.15	6.07	0.12		9056
+20117	2.76	0.34	6.69	0.14		9423
+20117	2.68	0.11	6.46	0.11		9527
+20117	2.76	0.12	6.50	0.11		9528
+20127	-0.99	0.08	3.43	0.11		9036
+20127	-0.30	0.11	5.11	-	Q	9139
+20127	-0.81	0.09	4.27	-	Q	9444
+20127	-0.28	0.08	5.01	0.08		9533
+20128	2.07	0.10	5.97	0.10		9036
+20128	2.04	0.09	5.98	0.10		9139
+20128	2.16	0.09	6.07	0.10		9444
+20128	2.23	0.08	6.51	0.12		9533
+20130	2.93	0.37	8.35	0.52		9056
+20130	2.97	0.16	6.61	0.13		9423
+20137	2.82	0.16	6.88	0.16		9036
+20137	2.74	0.16	7.34	0.22		9139
+20137	2.79	0.14	7.62	0.25		9444
+20137	2.55	0.11	7.02	0.15		9533
+20155	2.35	0.10	5.52	0.09		9139
+20155	2.29	0.08	5.80	0.09		9527
+20155	2.37	0.09	5.83	0.09		9528
+20169	2.00	0.11	3.17	0.09		9139
+20169	2.15	0.10	3.42	0.09		9444
+20169	2.16	0.10	3.12	0.08		9533
+20171	2.16	0.17	5.60	0.17		8819
+20171	1.91	0.09	6.67	0.15		9063
+20171	2.06	0.11	7.09	0.17		9444
+20171	2.25	0.12	7.03	0.24		9497
+20171	2.03	0.28	-	-		9497
+20171	2.26	0.11	6.31	0.11		9533
+20187	1.16	0.07	4.93	0.08		9139
+20187	1.26	0.07	4.99	0.08		9444
+20187	1.23	0.07	5.32	0.08		9533
+20192	3.10	0.21	7.13	0.16		8819
+20192	3.07	0.24	6.90	0.13		8819
+20192	4.17	0.38	8.32	0.43		9444
+20192	2.76	0.44	-	-		9533

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+20198	1.07	0.09	4.54	0.08		9151
+20198	1.19	0.08	4.97	0.09		9497
+20199	1.20	0.10	4.73	0.08		8847
+20199	1.09	0.08	4.54	0.08		9184
+20199	1.06	0.09	4.55	0.08		9185
+20199	0.91	0.29	5.00	-	Q	9443
+20199	1.08	0.08	4.80	0.08		9556
+20207	1.36	0.07	5.71	0.09		9139
+20207	1.31	0.19	-	-		9527
+20207	1.36	0.08	6.08	0.10		9533
+20216	1.96	0.09	5.54	0.09		8849
+20216	2.01	0.08	5.90	0.09		9527
+20228	2.02	0.10	6.50	0.13		8847
+20228	2.05	0.16	6.41	0.16		9174
+20228	2.05	0.13	6.45	0.16		9174
+20228	2.12	0.11	6.48	0.14		9184
+20228	2.04	0.11	6.73	0.16		9185
+20228	2.28	0.11	7.16	0.22		9239
+20228	2.30	0.10	6.93	0.18		9612
+20229	1.33	0.10	5.21	0.09		8847
+20229	1.34	0.13	5.30	0.13		9174
+20229	1.31	0.09	5.20	0.09		9184
+20229	1.35	0.08	5.31	0.09		9185
+20229	1.42	0.08	5.53	0.09		9556
+20275	-0.75	0.08	2.47	0.08		8847
+20275	-0.80	0.07	2.42	0.08		8873
+20275	-0.70	0.07	2.55	0.08		9185
+20275	-0.59	0.07	2.66	0.09		9233
+20275	-0.77	0.07	2.72	0.08		9556
+20282	-1.00	0.07	2.82	0.08		8873
+20282	-0.89	0.16	2.72	-	Q	9233
+20282	-1.16	0.08	2.46	0.08		9265
+20282	-1.10	0.07	2.76	0.08		9556
+20285	-0.08	0.08	3.90	0.10		8873
+20285	0.10	0.07	4.26	0.11		9233
+20285	-0.02	0.08	4.66	0.08		9265
+20285	-0.19	0.09	3.75	0.10		9556
+20286	1.11	0.09	3.29	0.09		8887
+20286	1.16	0.08	3.30	0.10		9229
+20286	0.88	0.07	3.35	0.10		9306
+20286	1.03	0.07	3.44	0.09		9632

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+20298	-0.38	0.09	2.78	-	Q	8849
+20298	-0.78	0.07	3.78	-	Q	8933
+20298	-0.70	0.06	3.99	-	Q	8951
+20298	0.11	0.11	4.16	-	Q	9239
+20298	0.10	0.16	4.31	-	Q	9239
+20298	-0.18	0.07	3.93	-	Q	9653
+20307	1.64	0.08	4.97	-	Q	8873
+20307	1.63	0.09	5.01	-	Q	8873
+20307	0.99	0.07	4.42	-	Q	9265
+20314	2.68	0.12	7.64	0.29		8933
+20314	2.72	0.11	6.90	0.14		8951
+20314	2.67	0.14	7.80	0.35		9239
+20314	2.68	0.11	6.53	0.12		9305
+20322	3.24	0.17	8.15	0.45		8887
+20322	2.35	0.13	5.37	0.09		9228
+20322	2.86	0.16	7.21	0.20		9307
+20322	3.06	0.16	8.20	0.37		9329
+20322	2.73	0.12	5.46	0.09		9665
+20326	3.24	0.24	-	-		8873
+20326	2.38	0.09	8.20	0.38		9305
+20328	1.53	0.09	7.61	0.25		8873
+20328	1.85	0.10	8.02	0.38		8943
+20328	0.99	0.09	6.40	0.12		9265
+20331	3.16	0.16	7.08	0.20		8887
+20331	2.75	0.10	6.84	0.12		8953
+20331	2.76	0.12	7.20	0.19		9306
+20341	3.19	0.17	8.23	0.48		8887
+20341	2.68	0.11	7.05	0.16		9329
+20341	3.07	0.14	7.88	0.31		9665
+20364	1.14	0.07	2.70	0.08		8953
+20364	1.06	0.06	2.93	0.09		9306
+20364	1.08	0.06	2.97	0.09		9363
+20370	1.23	0.06	6.77	0.13		8943
+20370	2.58	0.16	6.79	0.14		9305
+20381	2.49	0.10	7.25	0.22		8943
+20381	2.45	0.14	6.79	0.15		9265
+20381	2.27	0.11	7.43	0.22		9305
+20381	2.97	0.14	8.27	0.40		9380
+20390	2.31	0.09	6.81	0.13		8953
+20390	2.76	0.13	8.70	0.59		9306
+20390	2.83	0.12	-	-		9363
+20390	2.94	0.16	8.58	0.50		9363

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+20396	2.34	0.12	7.57	0.27		8943
+20396	3.19	0.20	9.18	0.77		9305
+20396	3.17	0.19	7.50	0.22		9380
+20399	-0.15	0.10	4.50	0.15		8943
+20399	-0.12	0.14	4.50	0.16		9305
+20399	-0.38	0.09	4.07	0.10		9380
+20404	2.77	0.34	8.55	0.57		8943
+20404	2.28	0.13	8.11	-	Q	9265
+20404	2.62	0.14	9.01	-	Q	9305
+20404	2.78	0.14	9.59	-	Q	9328
+20404	3.01	0.18	9.48	-	Q	9380
+20415	2.36	0.13	5.59	0.09		8953
+20415	2.43	0.11	5.95	0.10		9307
+20415	2.41	0.10	5.77	0.09		9665
+20441	1.98	0.09	6.84	0.16		8943
+20441	2.22	0.07	7.29	0.18		9328
+20476	2.68	0.11	7.12	0.16		8953
+20476	2.63	0.13	6.87	0.17		9004
+20476	2.76	0.16	7.20	0.19		9306
+20476	2.78	0.15	7.71	0.26		9363
+20479	1.40	0.11	6.50	0.15		8951
+20479	1.79	0.09	6.48	0.12		9305
+20479	1.43	0.09	6.53	0.12		9380
+20480	3.32	0.18	7.08	0.19		8943
+20480	2.75	0.10	6.34	0.11		9328
+20481	-0.64	0.41	-	-		8943
+20481	-0.24	0.08	2.97	0.09		8951
+20481	-0.59	0.08	2.92	0.09		9305
+20481	-0.27	0.15	2.76	0.16		9380
+20484	2.22	0.08	5.96	0.09		8951
+20484	3.25	0.20	9.35	-	Q	9305
+20484	3.00	0.16	6.39	0.11		9380
+20490	0.93	0.07	6.63	0.12		8953
+20490	1.22	0.07	6.60	0.16		9004
+20490	0.91	0.07	6.39	0.12		9307
+20490	0.94	0.07	5.63	0.09		9665
+20492	3.17	0.16	7.15	-	Q	8943
+20492	2.78	0.12	5.90	-	Q	9305
+20492	2.67	0.11	6.85	-	Q	9380
+20507	3.45	0.21	6.73	-	Q	9004
+20507	2.89	0.16	6.57	-	Q	9307
+20507	2.88	0.12	-	-		9323
+20507	3.35	0.21	6.52	-	Q	9422
+20508	2.50	0.14	6.78	-	Q	9004
+20508	2.13	0.12	6.50	-	Q	9307
+20508	2.16	0.09	6.33	0.10		9323
+20508	2.42	0.11	6.52	0.13		9422
+20523	2.26	0.10	6.02	0.13		9004
+20523	2.13	0.10	5.80	0.09		9323
+20523	2.26	0.11	6.25	0.11		9363
+20523	2.27	0.10	6.03	0.10		9422
+20532	1.04	0.08	6.55	0.19		9005
+20532	0.89	0.15	4.95	0.08		9323
+20532	0.88	0.18	4.98	0.08		9323
+20532	1.01	0.07	6.21	0.11		9422
+20532	0.99	0.14	6.17	-	Q	9422
+20558	2.36	0.15	5.97	0.10		9036
+20558	2.51	0.10	6.43	0.12		9363

NO.	K MAG	K ER	I MAG	I ER	DAY 243

NO.	REMARKS
+20034	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+20035	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+20122	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+20191	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+20244	TRIPLE STAR SYSTEM (S.A.O. SEARCH)
+20281	CIT NO. 7 (ULRICH ET.AL. 1966)
+20293	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+20328	CIT NO. 9 (ULRICH ET.AL. 1966)
+20343	DOUBLE STAR (S.A.O. SEARCH)
+20354	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+20424	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+20459	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+20462	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+20477	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+20482	TRIPLE STAR SYSTEM (S.A.O. SEARCH)
+20525	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)

Declination Zone
+25 to +35 degrees

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+30001R	0	2	23	+26	23.5	2	0.50	0.3	8.0	2.76	0.10	0.44	5.08	-	-	Q	2.32	-		2	2	+30001
+30002	0	3	53	+26	48.8	2	2.75	0.5	0.2	1.80	0.07	0.25	5.79	0.06	12.62		3.99	0.09	I	4	4	+30002
+30003	0	4	34	+34	34.8	2	3.94	0.5	0.2	2.70	0.09	0.09	6.16	0.06	0.28		3.46	0.11		3	3	+30003
+30004	0	5	49	+28	49.0	2	0.19	0.7	0.7	2.28	0.08	0.09	*	-	-		-	-		3	0*	+30004
+30005	0	7	52	+28	22.4	1	2.50	0.3	1.0	1.72	0.04	1.87	4.80	0.05	2.37		3.08	0.06		4	4	+30005
+30006	0	8	9	+31	58.0	2	0.19	0.3	1.1	0.56	0.04	8.06	4.20	0.10	1.94		3.64	0.11	K	3	2	+30006
+30007	0	12	27	+31	15.4	2	0.75	0.3	0.2	2.57	0.09	0.31	5.08	0.06	0.69		2.51	0.11		2	2	+30007
+30008	0	18	8	+32	38.1	2	1.31	0.3	1.3	1.80	0.06	0.09	4.32	-	-	Q	2.52	-		3	3	+30008
+30009	0	19	47	+26	42.8	2	0.12	0.7	0.7	3.16	0.14	2.87	7.44	0.21	13.06		4.28	0.25	K,I	2	2	+30009
+30010	0	24	28	+30	53.6	2	0.75	0.5	0.1	2.98	0.12	0.06	5.86	0.07	0.81		2.88	0.14		2	2	+30010
+30011	0	28	21	+28	29.0	1	1.56	0.2	5.0	2.05	0.05	5.16	5.60	0.05	10.31		3.55	0.07	I	5	5	+30011
+30012	0	29	43	+25	45.0	2	2.75	0.3	1.0	2.05	0.06	0.87	6.05	0.08	24.00		4.00	0.10	I	4	3	+30012
+30013	0	35	50	+29	2.0	2	1.25	0.3	6.5	2.20	0.06	0.12	3.62	0.06	1.12		1.42	0.08		4	4	+30013
+30014	0	36	38	+30	35.3	2	1.50	0.3	0.2	0.44	0.05	1.41	*	-	-		-	-		3	0*	+30014
+30015R	0	44	34	+32	24.9	2	0.75	0.5	0.6	2.02	0.06	16.00	7.74	0.21	1.44		5.72	0.22	K	2	2	+30015
+30016	0	49	10	+32	5.8	2	0.12	0.3	0.1	2.77	0.10	0.87	5.81	0.07	1.37		3.04	0.12		2	2	+30016
+30017	0	54	4	+26	4.1	2	0.25	0.5	0.4	1.96	0.07	0.25	5.28	0.08	0.50		3.32	0.11		2	2	+30017
+30018	0	54	8	+31	37.5	2	12.00	0.3	0.6	2.95	0.10	0.37	5.96	0.07	1.37		3.01	0.12		3	2	+30018
+30019	0	55	5	+28	43.8	2	4.31	0.3	1.5	2.93	0.10	0.09	4.73	0.06	1.12		1.80	0.12		3	3	+30019
+30020	1	7	36	+25	11.4	2	4.12	0.3	0.2	2.27	0.07	0.19	4.72	0.08	2.25		2.45	0.11		2	2	+30020
+30021	1	8	30	+30	22.0	2	0.94	0.3	2.3	2.97	0.09	3.28	9.07	0.58	0.06		6.10	0.59		3	2	+30021
+30022	1	8	53	+29	50.0	2	0.31	0.5	0.6	2.16	0.10	0.78	3.74	0.06	0.63		1.58	0.12		5	4	+30022
+30023	1	11	8	+26	52.1	2	3.25	0.5	0.1	2.08	0.07	0.50	5.72	0.08	0.69		3.64	0.11		2	2	+30023
+30024	1	11	20	+28	16.0	2	1.69	0.3	0.6	1.62	0.05	0.19	4.41	0.13	0.06		2.79	0.14		3	2	+30024
+30025	1	13	18	+25	30.6	2	2.06	0.3	0.6	0.80	0.05	0.28	4.43	0.10	0.09		3.63	0.11		3	3	+30025
+30026	1	14	38	+26	1.9	2	0.25	0.5	0.1	2.22	0.08	0.19	5.70	0.08	0.06		3.48	0.11		2	2	+30026
+30027	1	18	20	+28	29.1	2	1.87	0.3	2.6	1.93	0.06	0.75	4.06	-	-	Q	2.13	-		3	3	+30027
+30028	1	20	6	+31	35.0	2	4.25	0.3	2.8	2.39	0.06	1.37	5.51	0.05	4.12		3.12	0.08		4	4	+30028
+30029	1	42	18	+28	29.4	2	0.37	0.3	0.2	2.81	0.09	0.56	5.87	0.07	0.37		3.06	0.11		3	3	+30029
+30030	1	45	58	+33	53.3	2	1.12	0.3	0.9	1.52	0.05	0.19	4.88	0.06	2.25		3.36	0.08		3	3	+30030
+30031	1	50	14	+29	20.6	2	0.37	0.3	1.9	2.25	0.08	0.37	3.06	0.08	0.06		0.81	0.11		2	2	+30031
+30032	1	54	54	+27	34.0	2	8.00	0.3	4.8	1.43	0.05	0.63	4.06	0.08	0.12		2.63	0.09		4	4	+30032
+30033	1	55	12	+30	54.1	2	0.19	0.3	1.7	0.16	0.06	0.09	3.53	0.08	0.25		3.37	0.10		3	2	+30033
+30034	2	6	34	+34	45.5	2	6.25	0.3	4.0	2.68	0.07	0.50	3.04	0.05	0.09		0.36	0.09		4	3	+30034
+30035	2	8	19	+25	41.5	2	1.69	0.3	3.0	2.84	0.09	1.22	4.98	0.06	0.37		2.14	0.11		3	3	+30035
+30036	2	9	28	+30	5.8	2	0.63	1.0	0.1	2.84	0.12	0.06	4.38	0.11	0.06		1.54	0.16		2	2	+30036
+30037	2	15	2	+28	47.6	2	2.19	0.3	4.1	2.31	0.06	3.75	5.03	0.05	2.50		2.72	0.08		5	5	+30037
+30038	2	15	38	+31	54.4	2	0.25	0.3	0.1	2.47	0.08	0.06	5.66	0.07	0.37		3.19	0.11		2	2	+30038
+30039	2	17	4	+32	5.9	2	0.12	1.0	0.1	2.99	0.13	0.06	5.85	0.10	0.06		2.86	0.16		2	2	+30039
+30040	2	20	26	+28	30.1	2	0.12	0.3	0.1	2.94	0.12	1.75	6.18	0.11	0.63		3.24	0.16		2	2	+30040
+30041	2	22	7	+33	38.8	2	0.12	0.3	0.5	0.97	0.05	0.06	4.24	0.08	0.44		3.27	0.09		2	2	+30041
+30042	2	24	9	+26	48.0	2	1.50	0.5	1.1	2.89	0.11	0.19	4.96	0.06	1.78		2.07	0.13		3	3	+30042
+30043	2	32	43	+34	28.9	1	0.56	0.3	1.1	0.78	0.05	0.09	3.45	0.06	0.84		2.67	0.08		3	3	+30043
+30044	2	33	58	+34	3.1	2	2.00	0.3	0.1	1.07	0.07	16.00	5.47	0.08	16.00		4.40	0.11	K,I	2	2	+30044
+30045	2	35	33	+27	18.5	2	1.50	0.5	0.2	2.50	0.08	0.37	5.63	0.07	0.09		3.13	0.11		3	3	+30045
+30046	2	37	58	+30	59.5	2	2.50	0.3	3.1	1.39	0.05	0.06	5.25	0.07	3.44		3.86	0.09	I	2	2	+30046
+30047	2	38	24	+34	18.6	2	3.75	0.3	0.7	1.07	0.06	0.56	4.60	0.10	0.09		3.53	0.12		3	3	+30047
+30048	2	39	11	+32	12.5	2	0.12	0.5	1.7	2.34	0.07	0.44	5.79	0.07	1.37		3.45	0.10		2	2	+30048
+30049	2	40	4	+25	51.6	2	1.00	0.5	0.6	2.95	0.11	0.06	6.82	0.17	0.06		3.87	0.20		2	2	+30049
+30050	2	44	55	+29	2.5	2	0.75	0.5	0.1	2.04	0.08	0.06	3.74	0.09	0.06		1.70	0.12		2	2	+30050

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+30001R	0 1 0 0 1 0 0 0 0 0	6.31	K2		9109	47	+25	5068		1	1.3	+30001
+30002	0 2 1 0 1 0 0 0 0 0								TT PEG	-2	0.0	+30002
+30003	0 0 1 0 2 0 0 0 0 0	8.70					+34	5067		-2	0.1	+30003
+30004	0 1 0 0 2 0 0 0 0 0	2.02	B9		15	127	+28	4		0	0.1	+30004
+30005	0 1 1 0 2 0 0 0 0 0	8.10	M3			175	+27	7		0	-0.1	+30005
+30006	0 0 2 0 1 0 0 0 0 0	8.00	MA				+31	8		-3	0.1	+30006
+30007	0 0 1 0 1 0 0 0 0 0	6.42	K5		52	290	+30	26		-4	-0.1	+30007
+30008	0 0 2 0 1 0 0 0 0 0	5.80	K5		79	414	+32	45		0	0.1	+30008
+30009	0 1 0 0 1 0 0 0 0 0	8.10	M3E			444	+26	43	T AND	1	-0.4	+30009
+30010	0 0 1 0 1 0 0 0 0 0	7.80	MA				+30	59		-2	-0.4	+30010
+30011	0 1 1 0 2 1 0 0 0 0	9.00	M2				+27	73		1	-0.2	+30011
+30012	0 2 0 0 1 1 0 0 0 0								TU AND	-2	-0.2	+30012
+30013	0 1 1 0 1 1 0 0 0 0	4.37	G8	III	163	759	+28	103		-5	-0.4	+30013
+30014	0 0 2 0 1 0 0 0 0 0	3.21	K3	III	165	774	+30	91		-2	0.0	+30014
+30015R	0 0 1 0 1 0 0 0 0 0								RW AND	-3	0.1	+30015
+30016	0 0 1 0 1 0 0 0 0 0	8.00	MA				+31	131		-2	0.0	+30016
+30017	0 1 0 0 1 0 0 0 0 0	8.20	M0			1124	+25	136		1	-0.1	+30017
+30018	0 0 1 0 2 0 0 0 0 0	7.90	MA				+31	144		-8	-0.1	+30018
+30019	0 0 1 0 1 1 0 0 0 0	5.54	G6	G	274	1148	+28	157		-2	0.4	+30019
+30020	0 1 0 0 0 1 0 0 0 0	5.90	K5	G	341	1415	+24	186		0	-0.2	+30020
+30021	0 0 1 0 1 1 0 0 0 0											+30021
+30022	0 1 2 0 1 1 0 0 0 0	4.51	K0	III	352	1441	+29	190		-1	0.5	+30022
+30023	0 0 1 0 1 0 0 0 0 0	8.70	M0			1475	+26	199	RT PSC	4	0.0	+30023
+30024	0 0 1 0 2 0 0 0 0 0	6.46	M2		363	1480	+27	196		0	0.0	+30024
+30025	0 1 0 0 1 1 0 0 0 0	6.90	N0			1518	+25	205	Z PSC	-3	0.3	+30025
+30026	0 1 0 0 1 0 0 0 0 0	9.00	M0				+25	210		0	0.0	+30026
+30027	0 0 1 0 1 1 0 0 0 0	5.30	K5	G	389	1630	+27	215		-1	0.5	+30027
+30028	0 0 1 0 2 1 0 0 0 0	7.60	MB				+31	236		-3	0.2	+30028
+30029	0 0 1 0 1 1 0 0 0 0	7.90	M3				+28	292		1	0.3	+30029
+30030	0 0 2 0 1 0 0 0 0 0	8.00	MB				+33	302		1	-0.4	+30030
+30031	0 0 1 0 0 1 0 0 0 0	3.44	F6	IV	544	2272	+28	312		0	0.5	+30031
+30032	0 0 2 0 1 0 1 0 0 0	5.82	M2	G	564	2357	+27	310		1	0.3	+30032
+30033	0 0 1 0 0 2 0 0 0 0	7.21	M3			2368	+30	310		1	0.6	+30033
+30034	0 0 1 0 2 1 0 0 0 0	3.00	A5	III	622	2572	+34	381		0	0.4	+30034
+30035	0 1 0 0 0 1 1 0 0 0	6.03	K4	G	633	2609	+25	362		-3	-0.6	+30035
+30036	0 0 1 0 0 1 0 0 0 0	4.94	G5	III	642	2633	+29	371		0	1.6	+30036
+30037	0 0 2 0 1 1 1 0 0 0	6.85	M0			2762	+28	385		-1	1.0	+30037
+30038	0 0 1 0 0 0 1 0 0 0	8.50					+31	395		-2	0.5	+30038
+30039	0 0 1 0 0 0 1 0 0 0	8.00	K5				+31	403		-2	0.5	+30039
+30040	0 0 1 0 0 0 1 0 0 0	8.80	M0				+28	402		0	0.2	+30040
+30041	0 0 1 0 0 0 1 0 0 0	7.20	MB				+33	425		-3	0.3	+30041
+30042	0 1 0 0 0 0 2 0 0 0	6.03	K5		711	2940	+26	409		-5	0.6	+30042
+30043	0 0 1 0 0 1 1 0 0 0	5.45	M3	G	750	3103	+34	469		-2	0.6	+30043
+30044	0 0 1 0 0 0 1 0 0 0	5.30	M4	G	758				R TRI	-3	0.3	+30044
+30045	0 0 1 0 0 0 2 0 0 0	8.50	M3				+26	438		-2	0.5	+30045
+30046	0 0 1 0 0 1 0 0 0 0	8.90	MC				+30	428	Y ARI	-3	0.3	+30046
+30047	0 0 1 0 0 1 1 0 0 0	8.40	MB				+33	490	W TRI	-4	0.5	+30047
+30048	0 0 1 0 0 0 1 0 0 0	9.20					+31	466		0	0.5	+30048
+30049	0 1 0 0 0 0 1 0 0 0											+30049
+30050	0 0 1 0 0 1 0 0 0 0	4.52	K1	III	824	3356	+28	462		0	0.1	+30050

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+30051	2 48 27	+34 51.8	2	0.56	0.3	2.1	0.74	0.05	0.09	3.09	0.06	1.12		2.35	0.08		3	2	+30051
+30052	2 48 41	+32 55.1	2	1.31	0.3	1.1	2.47	0.08	0.28	6.06	0.08	1.12		3.59	0.11		3	2	+30052
+30053	2 52 40	+30 50.9	2	3.37	0.3	1.1	1.49	0.05	0.75	4.58	0.06	0.09		3.09	0.08		3	3	+30053
+30054	2 55 56	+34 59.6	2	0.12	0.3	2.5	2.09	0.07	0.25	4.08	0.08	1.00		1.99	0.11		2	2	+30054
+30055	2 56 39	+29 38.4	2	0.37	0.3	0.7	2.42	0.09	0.12	7.59	0.22	0.31		5.17	0.24		2	2	+30055
+30056	3 14 58	+32 44.4	2	0.12	0.3	0.1	0.96	0.07	0.06	5.10	0.06	0.06		4.14	0.09		2	2	+30056
+30057	3 15 4	+27 13.9	2	0.37	0.7	2.4	2.95	0.11	0.69	6.12	0.10	0.06		3.17	0.15		2	2	+30057
+30058	3 15 38	+34 2.5	2	0.50	0.3	0.1	1.55	0.07	0.12	3.66	0.07	0.19		2.11	0.10		2	2	+30058
+30059	3 16 45	+28 59.5	2	0.12	0.7	0.7	2.84	0.11	0.12	6.69	-	-	Q	3.85	-		2	1	+30059
+30060	3 16 48	+32 58.0	3	-	0.8	-	2.99	0.13	-	7.27	0.20	-		4.28	0.24		1	1	+30060
+30061	3 16 59	+31 50.5	2	0.56	0.5	0.6	0.96	0.06	0.66	5.02	0.05	4.50		4.06	0.08		3	3	+30061
+30062	3 17 19	+28 52.0	1	0.63	0.3	0.3	0.88	0.05	1.56	3.18	0.06	1.22		2.30	0.08		5	3	+30062
+30063	3 19 25	+32 3.8	2	0.12	0.3	0.2	1.78	0.07	0.06	5.02	0.06	0.06		3.24	0.09		2	2	+30063
+30064	3 24 59	+33 18.2	2	0.37	0.3	0.1	2.26	0.08	0.94	6.61	0.10	8.94		4.35	0.13	I	2	2	+30064
+30065	3 28 7	+28 32.4	2	1.31	0.3	0.4	2.20	0.07	0.47	6.53	0.09	0.66		4.33	0.11		3	3	+30065
+30066	3 44 56	+33 37.1	2	4.31	0.5	0.2	2.43	0.08	1.41	6.17	0.15	-		3.74	0.17		3	1	+30066
+30067	3 45 11	+27 31.0	2	2.50	0.3	0.7	2.47	0.08	0.37	5.72	0.09	0.06		3.25	0.12		2	2	+30067
+30068	3 50 59	+31 44.1	2	0.19	0.3	0.9	2.55	0.07	0.09	2.81	0.05	0.66		0.26	0.09		3	3	+30068
+30069	3 56 41	+28 40.0	2	0.75	0.3	4.9	2.78	0.09	3.84	6.32	0.09	0.09		3.54	0.13		3	3	+30069
+30070	4 1 41	+26 4.1	2	0.75	0.5	0.1	2.14	0.08	0.06	5.48	0.07	0.63		3.34	0.11		2	2	+30070
+30071	4 5 29	+26 43.0	2	0.12	0.5	0.1	2.95	0.12	0.63	7.28	0.15	0.06		4.33	0.19		2	2	+30071
+30072	4 6 28	+33 21.7	2	0.25	0.8	0.1	2.87	0.12	0.06	8.06	0.17	5.06		5.19	0.21	I	2	2	+30072
+30073	4 7 47	+33 27.1	2	0.25	0.3	1.1	2.41	0.07	0.06	4.56	0.10	0.06		2.15	0.12		2	2	+30073
+30074	4 8 40	+29 15.6	2	0.37	0.5	0.7	2.47	0.08	0.75	7.50	0.21	0.25		5.03	0.22		2	2	+30074
+30075	4 9 50	+32 24.0	2	1.87	0.5	0.2	2.42	0.09	0.19	5.18	0.07	0.06		2.76	0.11		3	2	+30075
+30076	4 10 8	+33 19.5	2	0.50	0.5	0.2	2.60	0.10	0.37	6.14	0.07	0.06		3.54	0.12		2	2	+30076
+30077	4 10 16	+28 59.6	2	0.12	0.3	1.5	2.05	0.07	0.06	5.59	0.08	0.06		3.54	0.11		2	2	+30077
+30078	4 10 39	+26 17.6	2	0.37	0.3	3.1	2.42	0.09	0.06	6.46	0.09	0.06		4.04	0.13		2	2	+30078
+30079	4 12 22	+33 42.1	2	0.12	0.3	0.5	1.83	0.06	0.94	6.30	0.08	6.62		4.47	0.10	I	2	2	+30079
+30080	4 13 47	+31 14.5	2	0.12	0.3	1.5	1.10	0.05	1.62	6.25	0.09	0.25		5.15	0.10		2	2	+30080
+30081	4 15 32	+31 50.9	2	0.94	0.5	1.3	2.78	0.11	0.47	6.17	0.07	2.25		3.39	0.13		3	3	+30081
+30082	4 16 58	+31 49.6	2	0.19	0.3	2.8	2.02	0.07	0.19	4.67	-	-	Q	2.65	-		3	3	+30082
+30083R	4 17 11	+34 27.0	2	0.75	0.5	0.9	2.76	0.08	1.12	4.27	-	-	Q	1.51	-		3	3	+30083
+30084	4 17 15	+27 13.2	1	0.56	0.3	2.8	2.28	0.06	0.47	4.06	0.08	0.09		1.78	0.10		3	3	+30084
+30085	4 18 8	+27 13.5	1	0.19	0.3	1.1	2.13	0.06	1.41	5.21	0.06	0.09		3.08	0.08		3	3	+30085
+30086	4 21 18	+28 54.8	2	3.00	0.3	0.2	2.13	0.06	0.25	5.40	0.05	4.50		3.27	0.08		4	4	+30086
+30087	4 28 1	+27 23.1	1	0.75	0.3	0.7	1.45	0.05	8.00	6.72	0.09	11.87		5.27	0.10	K,I	4	4	+30087
+30088	4 29 14	+31 0.5	2	0.12	0.3	0.5	1.38	0.05	1.50	5.68	0.07	0.06		4.30	0.09		2	2	+30088
+30089	4 32 6	+29 37.4	2	0.19	0.7	1.1	1.64	0.12	0.37	6.52	0.13	9.19		4.88	0.18	I	3	3	+30089
+30090	4 32 52	+28 24.7	1	1.00	0.3	0.7	1.37	0.04	23.13	7.25	0.12	4.75		5.88	0.13	K	4	4	+30090
+30091	4 34 28	+32 31.5	2	1.50	0.3	0.7	1.86	0.06	0.06	6.99	0.13	0.06		5.13	0.14		2	2	+30091
+30092	4 40 59	+25 14.7	2	2.50	0.3	0.2	1.61	0.05	0.12	6.49	0.09	0.06		4.88	0.10		2	2	+30092
+30093	4 42 3	+32 49.5	2	0.37	0.3	0.4	0.71	0.06	1.03	4.71	0.07	0.84		4.00	0.09		3	3	+30093
+30094	4 43 53	+25 32.0	2	2.62	0.3	0.4	2.51	0.07	0.37	7.03	0.10	0.19		4.52	0.12		3	3	+30094
+30095	4 45 53	+28 37.8	1	1.25	0.3	0.7	1.92	0.05	1.12	5.97	0.06	0.50		4.05	0.08		4	4	+30095
+30096	4 46 1	+31 21.6	2	0.94	0.5	0.4	2.88	0.12	0.56	4.79	0.06	0.06		1.91	0.13		3	2	+30096
+30097	4 47 15	+28 1.4	1	3.19	0.3	0.7	2.16	0.06	0.75	5.74	0.07	0.37		3.58	0.09		3	3	+30097
+30098	4 48 24	+28 26.6	1	0.94	0.2	3.1	1.05	0.04	2.03	5.20	0.05	1.09		4.15	0.06		5	5	+30098
+30099	4 48 52	+28 55.3	1	0.94	0.3	0.3	2.40	0.07	0.31	7.51	0.13	8.12		5.11	0.15	I	5	5	+30099
+30100	4 53 45	+33 5.4	1	5.44	0.3	0.6	-0.74	0.05	1.12	*	-	-		-	-		3	0*	+30100

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+30051	0 0 1 0 0 1 1 0 0 0	4.54	K5	III	843	3419	+34	527		1	0.4	+30051
+30052	0 0 1 0 0 0 2 0 0 0											+30052
+30053	0 0 1 0 0 2 0 0 0 0	7.24	MO			3509	+30	464		0	0.4	+30053
+30054	0 0 1 0 0 1 0 0 0 0	4.94	K2	III	882	3575	+34	550		-2	0.6	+30054
+30055	0 0 1 0 0 1 0 0 0 0											+30055
+30056	0 0 1 0 0 0 1 0 0 0											+30056
+30057	0 0 1 0 0 0 1 0 0 0	8.90	MO				+26	535		-2	-0.2	+30057
+30058	0 0 1 0 0 0 1 0 0 0	4.82	K2	II	991	3948	+33	619		1	0.0	+30058
+30059	0 0 1 0 0 1 0 0 0 0											+30059
+30060	0 0 0 0 0 0 1 0 0 0								TW PER	-2	0.1	+30060
+30061	0 0 1 0 0 1 1 0 0 0	8.90					+31	580	UZ PER	-2	0.0	+30061
+30062	0 0 2 0 0 2 1 0 0 0	4.46	K4	III	999	3981	+28	516		0	-0.1	+30062
+30063	0 0 1 0 0 0 1 0 0 0	7.60	MA				+31	588		-1	0.0	+30063
+30064	0 0 1 0 0 0 1 0 0 0											+30064
+30065	0 0 1 0 0 1 1 0 0 0								BG TAU	-1	0.0	+30065
+30066	0 0 2 0 0 0 1 0 0 0	8.70					+33	718		3	-0.3	+30066
+30067	0 0 1 0 0 0 1 0 0 0	9.00	MO				+27	567		0	0.2	+30067
+30068	0 0 1 0 0 1 1 0 0 0	2.83	B1	II	1203	4688	+31	666		0	-0.1	+30068
+30069	0 0 1 0 0 1 1 0 0 0	9.00	MO				+28	606		0	0.1	+30069
+30070	0 0 1 0 0 0 1 0 0 0	8.00	MO				+25	670		-3	0.2	+30070
+30071	0 0 1 0 0 0 1 0 0 0								TV TAU	0	-0.5	+30071
+30072	0 0 1 0 0 0 1 0 0 0											+30072
+30073	0 0 1 0 0 0 1 0 0 0	5.76	K5	C	1286	5018	+33	807		0	-0.3	+30073
+30074	0 0 1 0 0 1 0 0 0 0											+30074
+30075	0 0 2 0 0 0 1 0 0 0	6.88	KO			5064	+32	743		3	-0.4	+30075
+30076	0 0 1 0 0 0 1 0 0 0	8.80					+33	814		-2	-0.1	+30076
+30077	0 0 1 0 0 1 0 0 0 0	8.60	MO				+28	632		-2	-0.2	+30077
+30078	0 0 1 0 0 0 1 0 0 0											+30078
+30079	0 0 1 0 0 0 1 0 0 0											+30079
+30080	0 0 1 0 0 1 0 0 0 0											+30080
+30081	0 0 1 0 0 1 1 0 0 0	8.50					+31	750		1	0.1	+30081
+30082	0 0 1 0 0 1 1 0 0 0	6.20	K5		1344	5227	+31	757		-1	-0.4	+30082
+30083R	0 0 1 0 0 1 1 0 0 0	4.93	G8	III	1343	5235	+34	860		1	0.1	+30083
+30084	0 0 1 1 0 0 1 0 0 0	4.95	K1	III	1348	5240	+27	655		-2	-0.7	+30084
+30085	0 0 1 1 0 0 1 0 0 0	.7.70	K2			5263	+27	656		-2	-0.4	+30085
+30086	0 0 1 0 0 2 1 0 0 0	8.30	MO				+28	653		0	0.4	+30086
+30087	0 0 1 1 0 0 2 0 0 0											+30087
+30088	0 0 1 0 0 1 0 0 0 0											+30088
+30089	0 0 1 0 0 2 0 0 0 0								EZ TAU	3	1.0	+30089
+30090	0 0 1 1 0 1 1 0 0 0											+30090
+30091	0 0 1 0 0 0 1 0 0 0											+30091
+30092	0 0 1 0 0 1 0 0 0 0											+30092
+30093	0 0 2 0 0 0 1 0 0 0	8.70	MA				+32	830		3	-0.2	+30093
+30094	0 0 1 0 0 1 1 0 0 0											+30094
+30095	0 0 1 1 0 1 1 0 0 0											+30095
+30096	0 0 1 0 0 1 1 0 0 0	5.64	K1	G	1529	5853	+31	816		0	0.5	+30096
+30097	0 0 1 1 0 0 1 0 0 0	8.90	MO				+27	700		0	0.1	+30097
+30098	0 0 1 1 0 1 2 0 0 0	8.00	N3				+28	707	TT TAU	1	0.0	+30098
+30099	0 0 1 1 0 1 2 0 0 0											+30099
+30100	0 0 1 0 0 0 2 0 0 0	2.66	K3	II	1577	6029	+32	855		1	0.0	+30100

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+30101	4	56	53	+27	7.6	2	0.75	0.7	0.7	2.96	0.12	0.09	6.66	0.11	0.06		3.70	0.16		3	2	+30101
+30102	5	3	10	+34	47.5	2	0.37	0.3	0.2	1.59	0.06	0.75	5.03	0.05	1.78		3.44	0.08		3	3	+30102
+30103	5	4	10	+32	50.4	2	1.62	0.5	0.6	2.91	0.14	0.31	6.31	0.45	-		3.40	0.47		2	1	+30103
+30104R	5	4	17	+30	43.0	2	0.75	0.5	0.1	2.15	0.07	0.06	5.62	-	-	Q	3.47	-		2	2	+30104
+30105	5	8	28	+29	50.8	2	1.50	0.3	0.5	1.59	0.08	0.63	4.59	0.08	0.66		3.00	0.11		4	3	+30105
+30106	5	14	17	+31	46.1	2	2.06	0.3	0.7	2.57	0.07	0.66	5.68	0.06	0.19		3.11	0.09		3	3	+30106
+30107	5	14	53	+33	19.4	2	0.75	0.3	0.5	1.43	0.06	0.06	3.45	-	-	Q	2.02	-		2	2	+30107
+30108	5	15	57	+30	25.0	2	0.37	0.3	0.2	2.71	0.10	0.25	7.03	0.14	1.50		4.32	0.17		2	2	+30108
+30109	5	18	16	+34	8.6	2	0.37	0.5	0.5	2.70	0.10	0.06	6.18	0.08	0.12		3.48	0.13		2	2	+30109
+30110	5	18	34	+32	27.7	2	4.12	0.3	0.1	2.13	0.07	4.25	6.30	0.09	0.31		4.17	0.11	K	2	2	+30110
+30111	5	18	59	+34	37.4	2	0.50	0.3	1.0	2.93	0.09	0.25	6.67	0.08	1.62		3.74	0.12		4	4	+30111
+30112	5	23	8	+28	33.8	1	2.75	0.3	3.5	2.03	0.06	1.37	*	-	-		-	-		4	0*	+30112
+30113	5	23	37	+32	0.6	2	2.50	0.5	0.1	2.18	0.07	0.75	6.74	0.11	0.06		4.56	0.13		2	2	+30113
+30114	5	23	47	+34	6.9	2	0.12	0.3	0.1	1.97	0.08	8.69	8.22	0.28	-		6.25	0.29	K	2	1	+30114
+30115	5	23	58	+29	53.0	2	1.00	0.3	0.7	1.74	0.08	0.75	5.07	0.14	0.06		3.33	0.16		4	2	+30115
+30116	5	24	18	+34	26.4	2	1.31	0.3	1.7	1.93	0.06	0.09	3.99	0.06	0.28		2.06	0.08		3	3	+30116
+30117	5	25	37	+32	25.7	2	1.50	0.5	0.2	0.75	0.05	0.31	4.59	0.10	-		3.84	0.11		2	1	+30117
+30118	5	27	25	+31	28.0	2	0.50	0.5	4.0	2.59	0.07	0.87	5.61	0.05	0.25		3.02	0.09		4	4	+30118
+30119	5	27	29	+32	45.4	2	2.50	0.7	1.5	2.81	0.17	0.06	6.89	0.12	0.25		4.08	0.21		2	2	+30119
+30120	5	30	30	+32	43.0	2	2.37	0.5	0.1	2.73	0.11	0.12	5.30	-	-	Q	2.57	-		2	2	+30120
+30121	5	32	48	+27	38.0	2	0.19	0.5	1.7	2.53	0.14	0.75	5.10	0.07	0.06		2.57	0.16		3	2	+30121
+30122	5	34	49	+30	51.5	2	0.12	0.5	0.1	2.99	0.14	1.56	6.65	0.11	0.06		3.66	0.18		2	2	+30122
+30123	5	36	52	+28	40.8	2	1.12	0.3	4.1	2.34	0.07	0.09	7.23	0.13	9.37		4.89	0.15	I	3	3	+30123
+30124R	5	37	29	+31	53.5	2	0.19	0.3	0.7	0.86	0.05	0.09	3.99	-	-	Q	3.13	-		3	3	+30124
+30125	5	37	53	+28	4.4	2	1.50	0.3	1.9	0.88	0.05	0.09	5.36	0.05	9.94		4.48	0.07	I	3	3	+30125
+30126	5	38	55	+32	1.1	2	0.12	0.3	1.1	0.98	0.05	0.19	4.96	0.08	-		3.98	0.09		2	1	+30126
+30127	5	44	59	+30	36.4	2	3.56	0.3	2.8	2.14	0.07	4.31	5.28	-	-	Q	3.14	-		3	3	+30127
+30128	5	47	41	+27	39.6	2	0.37	0.5	0.6	2.62	0.10	0.37	5.49	0.09	-		2.87	0.13		3	1	+30128
+30129	5	48	13	+32	6.4	2	0.12	0.3	0.1	1.19	0.06	0.06	4.08	0.09	0.06		2.89	0.11		2	2	+30129
+30130	5	48	34	+28	18.0	2	0.37	0.5	0.6	2.76	0.11	0.25	6.99	0.14	0.06		4.23	0.18		2	2	+30130
+30131	5	49	23	+33	54.1	2	0.12	0.3	0.7	1.82	0.07	0.12	4.34	0.12	-		2.52	0.14		2	1	+30131
+30132	5	52	48	+32	7.9	2	0.12	0.5	1.0	2.86	0.12	0.06	8.00	0.27	0.25		5.14	0.30		2	2	+30132
+30133	5	55	31	+27	51.0	2	2.06	0.5	0.6	2.96	0.10	1.50	6.72	0.09	0.09		3.76	0.13		3	3	+30133
+30134	5	56	55	+28	7.6	2	0.19	0.5	1.1	2.73	0.09	0.47	5.37	0.06	1.03		2.64	0.11		3	3	+30134
+30135	5	58	18	+34	50.1	2	0.50	0.3	0.2	2.73	0.08	0.12	7.07	0.09	0.75		4.34	0.12		4	4	+30135
+30136	6	1	8	+28	29.4	2	3.75	0.3	4.3	2.15	0.06	19.75	7.65	0.15	6.62		5.50	0.16	K,I	4	4	+30136
+30137	6	3	10	+29	30.6	2	0.12	0.3	0.1	1.27	0.06	2.19	4.07	0.09	0.06		2.80	0.11		2	2	+30137
+30138	6	5	41	+25	40.0	2	1.75	0.5	1.0	2.67	0.08	1.87	5.60	0.05	0.75		2.93	0.09		4	4	+30138
+30139R	6	5	44	+34	54.0	2	5.62	0.3	0.2	1.35	0.04	0.09	4.86	-	-	Q	3.51	-		3	3	+30139
+30140	6	6	12	+26	32.5	2	1.87	0.3	3.4	2.81	0.08	0.28	6.99	0.10	0.94		4.18	0.13		3	3	+30140
+30141	6	6	44	+31	24.9	2	1.50	0.3	0.7	1.13	0.04	5.91	5.77	0.05	7.78		4.64	0.06	K,I	3	3	+30141
+30142	6	6	57	+33	36.6	2	2.81	0.3	0.7	2.51	0.08	0.56	6.51	0.07	0.94		4.00	0.11		3	3	+30142
+30143	6	7	47	+26	1.5	1	3.50	0.3	0.2	1.00	0.04	2.12	4.99	0.05	1.31		3.99	0.06		4	3	+30143
+30144	6	9	3	+32	42.4	2	0.37	0.3	0.5	1.47	0.06	0.37	4.10	0.08	0.06		2.63	0.10		2	2	+30144
+30145	6	10	41	+33	15.5	1	2.06	0.3	0.2	2.50	0.06	1.87	5.14	0.04	2.62		2.64	0.07		3	3	+30145
+30146	6	12	9	+29	30.5	2	0.12	0.3	0.1	2.06	0.07	1.12	3.66	0.07	0.19		1.60	0.10		2	2	+30146
+30147	6	12	19	+25	21.1	2	0.19	0.3	2.1	2.63	0.09	1.50	5.53	0.06	1.31		2.90	0.11		3	3	+30147
+30148	6	13	54	+33	13.5	1	0.75	0.3	0.9	0.24	0.04	7.59	4.51	0.07	14.16		4.27	0.08	K,I	3	3	+30148
+30149	6	14	32	+34	3.3	2	0.19	0.3	2.3	2.73	0.07	0.28	6.38	0.06	0.09		3.65	0.09		3	3	+30149
+30150	6	20	56	+25	2.8	2	0.19	0.3	1.9	2.96	0.10	1.12	6.83	0.11	5.06		3.87	0.15	I	3	3	+30150

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+30101	0 0 0 2 0 0 1 0 0 0											+30101
+30102	0 0 1 0 0 1 1 0 0 0	8.10	MA				+34	946		1	0.2	+30102
+30103	0 0 1 0 0 0 1 0 0 0											+30103
+30104R	0 0 1 0 0 1 0 0 0 0	9.00					+30	786		2	-0.4	+30104
+30105	0 0 2 1 0 1 0 0 0 0	6.72	MO			6344	+29	833		1	0.1	+30105
+30106	0 0 1 0 0 1 1 0 0 0	8.00	K5				+31	914		0	-0.1	+30106
+30107	0 0 1 0 0 0 1 0 0 0	4.54	K3	III	1726	6473	+33	1000		-1	0.1	+30107
+30108	0 0 1 0 0 1 0 0 0 0											+30108
+30109	0 0 1 0 0 0 1 0 0 0	8.90	MB				+34	1011		-3	0.2	+30109
+30110	0 0 1 0 0 0 1 0 0 0	9.30	PEC				+32	957	UV AUR	0	-0.2	+30110
+30111	0 0 1 0 0 1 2 0 0 0											+30111
+30112	0 0 0 2 0 1 1 0 0 0	1.65	B7	III	1791	6681	+28	795		0	-0.3	+30112
+30113	0 0 1 0 0 0 1 0 0 0								EG AUR	-1	-0.3	+30113
+30114	0 0 1 0 0 0 1 0 0 0								S AUR	-2	0.4	+30114
+30115	0 0 2 1 0 1 0 0 0 0	8.00	K5				+29	897		-1	0.2	+30115
+30116	0 0 1 0 0 1 1 0 0 0	5.07	K2	III	1805	6715	+34	1048		-2	0.3	+30116
+30117	0 0 1 0 0 0 1 0 0 0	8.80	MB				+32	996		0	-0.5	+30117
+30118	0 0 1 0 0 1 2 0 0 0	7.10	K5				+31	992		3	-0.4	+30118
+30119	0 0 1 0 0 0 1 0 0 0											+30119
+30120	0 0 1 0 0 0 1 0 0 0	6.64	K5			6872	+32	1030		3	0.1	+30120
+30121	0 0 0 1 0 0 2 0 0 0	6.34	KO		1878	6930	+27	806		1	0.1	+30121
+30122	0 0 1 0 0 1 0 0 0 0											+30122
+30123	0 0 0 1 0 1 1 0 0 0								AW AUR	0	-0.4	+30123
+30124R	0 0 1 0 0 1 1 0 0 0	6.05	M1		1939	7072	+31	1049		2	-0.2	+30124
+30125	0 0 0 1 0 0 2 0 0 0								AB TAU	0	-0.5	+30125
+30126	0 0 1 0 0 0 1 0 0 0								U AUR	1	0.1	+30126
+30127	0 0 1 0 0 2 0 0 0 0	8.50	NA				+30	1014	FU AUR	3	-0.5	+30127
+30128	0 0 0 1 0 0 2 0 0 0	7.80	MO				+27	887		1	-0.8	+30128
+30129	0 0 1 0 0 0 1 0 0 0	6.22	M3	III	2018	7338	+32	1109		3	-0.4	+30129
+30130	0 0 0 1 0 0 1 0 0 0	8.70	B5				+28	920	AZ TAU	-11	2.9	+30130
+30131	0 0 1 0 0 0 1 0 0 0	6.21	M2	II	2028	7369	+33	1179		1	-0.3	+30131
+30132	0 0 1 0 0 0 1 0 0 0								AY AUR	-2	-0.3	+30132
+30133	0 0 0 1 0 0 2 0 0 0											+30133
+30134	0 0 0 1 0 0 2 0 0 0	7.04	K5			7567	+28	966		-1	0.2	+30134
+30135	0 0 2 0 0 1 1 0 0 0											+30135
+30136	0 0 0 1 0 1 2 0 0 0											+30136
+30137	0 0 0 1 0 1 0 0 0 0	6.11	M3	II	2146	7725	+29	1112		-1	-0.5	+30137
+30138	0 0 0 1 0 1 2 0 0 0	7.60	MO				+25	1131		-2	0.7	+30138
+30139R	0 0 1 0 0 1 1 0 0 0	7.20	MB				+34	1272		1	-0.2	+30139
+30140	0 0 0 1 0 0 2 0 0 0											+30140
+30141	0 0 1 0 0 1 1 0 0 0								BU AUR	2	0.1	+30141
+30142	1 0 1 0 0 0 1 0 0 0											+30142
+30143	0 0 0 1 0 0 3 0 0 0	7.40	NO			7854	+26	1117	TU GEM	0	-0.1	+30143
+30144	0 0 1 0 0 0 1 0 0 0	5.76	M1	G	2189	7888	+32	1217		-1	0.0	+30144
+30145	1 0 1 0 0 0 1 0 0 0	6.80	K5			7933	+33	1280		-2	-0.1	+30145
+30146	0 0 0 1 0 1 0 0 0 0	4.34	G8	III	2219	7981	+29	1154		-3	-0.6	+30146
+30147	0 0 0 1 0 1 1 0 0 0	7.50	K5				+25	1180		0	0.1	+30147
+30148	1 0 1 0 0 0 1 0 0 0								VW AUR	-4	0.0	+30148
+30149	1 0 1 0 0 0 1 0 0 0								ES AUR	3	-0.4	+30149
+30150	0 0 0 1 0 1 1 0 0 0								ZZ GEM	0	-0.7	+30150

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+30151	6	23	27	+29	21.1	2	4.87	0.5	0.2	2.98	0.11	0.56	7.62	0.18	0.19		4.64	0.21		3	3	+30151
+30152	6	27	41	+32	50.4	2	1.00	0.5	0.2	2.50	0.09	0.37	5.51	0.08	-		3.01	0.12		2	1	+30152
+30153	6	27	52	+27	28.9	2	1.12	0.3	0.9	0.42	0.05	1.12	4.70	0.06	2.16		4.28	0.08		3	3	+30153
+30154	6	30	4	+31	37.5	2	5.94	0.3	1.9	2.92	0.09	15.62	6.36	0.07	5.25		3.44	0.11	K,I	5	3	+30154
+30155	6	30	38	+30	17.2	2	0.94	0.5	1.5	2.71	0.08	0.84	6.18	0.07	5.44		3.47	0.11	I	3	3	+30155
+30156	6	30	48	+28	19.9	1	2.06	0.3	1.9	2.41	0.07	0.75	7.16	0.11	0.28		4.75	0.13		3	3	+30156
+30157	6	31	31	+29	24.7	2	5.25	0.7	0.1	2.79	0.12	0.37	6.18	0.09	0.06		3.39	0.15		2	2	+30157
+30158	6	32	46	+31	30.9	2	0.25	0.3	0.2	2.56	0.06	0.50	5.25	0.04	3.75		2.69	0.07		4	4	+30158
+30159	6	34	35	+27	39.0	2	0.12	0.5	0.1	2.62	0.09	1.56	6.77	0.09	0.06		4.15	0.13		2	2	+30159
+30160	6	36	25	+26	11.4	2	0.75	0.5	0.1	2.49	0.09	0.44	5.85	0.07	1.62		3.36	0.11		2	2	+30160
+30161	6	37	53	+25	22.0	2	0.12	0.5	0.1	2.70	0.12	0.94	5.71	0.08	0.06		3.01	0.14		2	2	+30161
+30162	6	38	46	+28	0.4	2	1.12	0.3	0.4	2.55	0.07	1.41	7.34	0.13	0.66		4.79	0.15		3	3	+30162
+30163	6	38	54	+31	30.4	1	0.75	0.3	2.3	2.69	0.07	0.87	6.26	0.06	2.00		3.57	0.09		4	4	+30163
+30164	6	40	52	+25	10.9	2	1.31	0.3	0.6	0.14	0.05	0.09	*	-	-		-	-		3	0*	+30164
+30165	6	41	37	+29	0.7	2	1.31	0.3	1.5	2.16	0.07	0.19	4.38	0.10	0.06		2.22	0.12		3	2	+30165
+30166	6	43	55	+30	20.2	2	1.31	0.3	2.6	1.78	0.06	24.00	5.93	0.08	16.00		4.15	0.10	K,I	3	2	+30166
+30167	6	46	29	+32	39.4	2	0.56	0.5	2.1	2.71	0.09	1.22	4.74	0.04	2.25		2.03	0.10		3	3	+30167
+30168	6	50	28	+34	50.4	1	0.25	0.3	2.0	2.51	0.06	2.50	6.44	0.06	0.63		3.93	0.08		4	4	+30168
+30169	6	52	56	+34	31.4	1	1.25	0.3	0.3	2.92	0.06	1.72	6.03	0.04	3.28		3.11	0.07		5	5	+30169
+30170	6	56	22	+26	7.1	2	0.12	0.3	0.1	1.88	0.07	0.06	5.22	-	-	Q	3.34	-		2	2	+30170
+30171	6	58	27	+30	36.3	2	0.12	0.5	5.1	2.87	0.12	0.06	6.91	0.13	0.94		4.04	0.18		2	2	+30171
+30172	6	59	28	+31	25.1	2	6.00	0.5	0.2	2.88	0.12	0.09	5.80	0.07	1.59		2.92	0.14		3	3	+30172
+30173	7	2	34	+31	28.0	2	7.00	0.3	0.2	2.19	0.07	0.87	4.87	0.04	3.19		2.68	0.08		4	3	+30173
+30174	7	3	47	+31	40.3	2	3.94	0.7	0.9	2.92	0.10	0.09	7.30	0.14	1.97		4.38	0.17		3	3	+30174
+30175	7	4	7	+34	5.1	1	1.50	0.3	0.5	2.36	0.05	2.12	4.69	0.07	1.50		2.33	0.09		4	4	+30175
+30176	7	4	15	+28	22.5	2	0.87	0.3	1.9	2.30	0.09	0.12	6.24	0.15	-		3.94	0.17		2	1	+30176
+30177	7	4	47	+29	45.0	2	0.12	0.7	0.1	2.77	0.12	0.12	6.75	0.12	0.06		3.98	0.17		2	2	+30177
+30178	7	7	59	+30	19.5	2	0.87	0.3	1.1	1.71	0.06	0.06	3.50	0.07	0.63		1.79	0.09		2	2	+30178
+30179	7	12	51	+27	59.5	2	1.50	0.3	0.2	1.69	0.06	0.09	4.15	0.07	0.66		2.46	0.09		3	3	+30179
+30180	7	17	4	+31	27.1	2	1.75	0.3	1.7	2.18	0.07	2.37	5.67	0.09	-		3.49	0.11		4	1	+30180
+30181R	7	17	36	+31	34.0	2	0.94	0.3	0.4	2.54	0.07	0.47	5.60	-	-	Q	3.06	-		3	3	+30181
+30182	7	17	54	+25	5.6	2	0.12	0.5	0.6	2.95	0.14	0.31	6.58	0.12	0.06		3.63	0.18		2	2	+30182
+30183	7	22	37	+27	53.8	2	0.19	0.3	0.2	1.46	0.06	0.09	3.03	0.08	0.09		1.57	0.10		3	3	+30183
+30184	7	23	0	+33	28.2	2	0.37	0.3	3.2	2.19	0.06	4.97	7.55	0.20	2.25		5.36	0.21	K	3	2	+30184
+30185	7	23	16	+26	3.3	2	0.12	0.3	3.8	2.51	0.08	0.56	5.74	0.07	0.06		3.23	0.11		2	2	+30185
+30186	7	26	43	+28	1.4	1	4.69	0.3	1.1	2.59	0.07	0.09	4.32	0.07	1.69		1.73	0.10		3	3	+30186
+30187	7	30	44	+30	37.3	2	0.87	0.5	0.1	2.82	0.11	9.12	7.51	0.28	-		4.69	0.30	K	2	1	+30187
+30188	7	31	25	+32	0.0	2	1.50	0.3	2.4	1.46	0.05	0.28	*	-	-		-	-		3	0*	+30188
+30189	7	31	41	+28	51.5	2	7.75	0.3	2.5	2.52	0.08	0.75	6.21	0.08	0.06		3.69	0.11		4	2	+30189
+30190	7	32	50	+27	0.2	1	5.00	0.3	4.4	0.27	0.04	0.94	2.58	0.04	1.00		2.31	0.06		5	4	+30190
+30191	7	40	15	+29	0.1	1	0.63	0.2	1.2	1.65	0.05	0.63	3.37	0.05	3.00		1.72	0.07		5	4	+30191
+30192	7	40	19	+32	34.3	2	0.12	0.3	0.1	2.23	0.07	0.12	5.23	0.06	0.81		3.00	0.09		2	2	+30192
+30193	7	41	3	+25	54.4	2	1.69	0.3	0.2	1.66	0.06	2.25	4.03	0.08	0.66		2.37	0.10		3	3	+30193
+30194	7	42	14	+28	8.7	1	0.37	0.3	1.5	-1.12	0.05	0.56	*	-	-		-	-		3	0*	+30194
+30195	7	42	19	+30	54.0	2	0.56	0.3	0.4	2.52	0.08	4.87	8.12	0.28	0.09		5.60	0.29	K	3	3	+30195
+30196	7	44	16	+33	32.0	2	0.25	0.3	0.1	1.08	0.05	0.06	3.50	0.06	0.06		2.42	0.08		2	2	+30196
+30197	7	56	11	+34	48.5	1	4.12	0.2	6.4	2.70	0.05	1.12	5.53	0.03	3.00		2.83	0.06		6	6	+30197
+30198	8	0	26	+27	56.4	2	1.31	0.5	0.6	2.39	0.08	0.37	4.18	0.07	0.47		1.79	0.11		3	3	+30198
+30199	8	23	27	+28	3.1	2	3.19	0.3	0.2	2.38	0.07	0.19	4.61	0.06	0.28		2.23	0.09		3	3	+30199
+30200	8	31	25	+26	24.4	2	1.62	0.5	0.1	2.94	0.12	0.06	7.31	0.15	0.25		4.37	0.19		2	2	+30200

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+30151	0 0 0 1 0 2 0 0 0 0											+30151
+30152	0 0 1 0 0 0 1 0 0 0	8.10	M0			8438	+32	1316		-3	-0.1	+30152
+30153	0 0 0 1 0 0 2 0 0 0								DW GEM	0	-0.4	+30153
+30154	1 0 1 0 0 1 2 0 0 0								AL AUR	4	-0.1	+30154
+30155	1 0 1 0 0 1 0 0 0 0								AI AUR	0	-0.4	+30155
+30156	0 0 0 1 0 0 2 0 0 0											+30156
+30157	0 0 0 1 0 1 0 0 0 0	8.70	M3				+29	1274		-1	0.1	+30157
+30158	1 0 1 0 0 1 1 0 0 0	7.22	K2			8575	+31	1351		0	-0.4	+30158
+30159	0 0 0 1 0 0 1 0 0 0											+30159
+30160	0 0 0 1 0 0 1 0 0 0	8.80	M2				+26	1306		2	0.6	+30160
+30161	0 0 0 1 0 0 1 0 0 0	8.00	M0				+25	1382		-3	-0.3	+30161
+30162	0 0 0 1 0 0 2 0 0 0											+30162
+30163	1 0 1 0 0 1 1 0 0 0	8.10	NA				+31	1388	VW GEM	-1	0.2	+30163
+30164	0 0 0 2 0 0 1 0 0 0	2.98	G8	II	2473	8786	+25	1406		0	-0.1	+30164
+30165	0 0 0 1 0 1 1 0 0 0	5.48	K4	G	2480	8799	+29	1327		1	-0.7	+30165
+30166	2 0 0 0 0 1 0 0 0 0								X GEM	0	0.3	+30166
+30167	1 0 1 0 0 0 1 0 0 0	5.71	K4	G	2512	8915	+32	1414		3	-0.6	+30167
+30168	1 0 1 0 0 1 1 0 0 0											+30168
+30169	1 0 2 0 0 1 1 0 0 0	8.20	M0			9080	+34	1495		1	-0.1	+30169
+30170	0 0 0 1 0 0 1 0 0 0								SW GEM	-3	0.3	+30170
+30171	1 0 0 0 0 1 0 0 0 0								RS GEM	1	0.5	+30171
+30172	1 0 0 0 0 1 1 0 0 0	7.80	K5				+31	1473		2	0.3	+30172
+30173	2 0 0 0 0 1 1 0 0 0	6.80	M0			9347	+31	1487		0	-0.2	+30173
+30174	1 0 0 0 0 1 1 0 0 0											+30174
+30175	1 0 1 0 0 0 2 0 0 0	6.00	K4	G	2665	9384	+34	1530		1	-0.2	+30175
+30176	0 0 0 1 0 0 1 0 0 0								AM GEM	1	-0.1	+30176
+30177	0 0 0 1 0 1 0 0 0 0											+30177
+30178	1 0 0 0 0 1 0 0 0 0	4.42	K2	III	2697	9484	+30	1439		1	-0.2	+30178
+30179	0 0 0 2 0 0 1 0 0 0	5.70	M1	G	2738	9627	+28	1350		1	0.3	+30179
+30180	1 0 0 0 0 1 2 0 0 0	8.20	MB				+31	1534		0	-0.5	+30180
+30181R	1 0 0 0 0 1 1 0 0 0	9.00	MB				+31	1541		3	-0.7	+30181
+30182	0 0 0 1 0 0 1 0 0 0	9.00	A0				+25	1645	BM GEM	-11	-2.6	+30182
+30183	1 0 0 1 0 0 1 0 0 0	3.80	K0	III	2821	9897	+28	1385		0	-0.2	+30183
+30184	0 0 1 1 0 0 1 0 0 0											+30184
+30185	0 0 0 1 0 0 1 0 0 0	8.50	M0				+26	1554		1	-0.1	+30185
+30186	1 0 0 1 0 0 1 0 0 0	5.01	K2	III	2861	10015	+28	1400		0	0.1	+30186
+30187	1 0 0 0 0 1 0 0 0 0											+30187
+30188	1 0 0 0 0 1 1 0 0 0	1.99	A		2891	10120	+32	1581		0	0.0	+30188
+30189	0 0 0 2 0 1 1 0 0 0											+30189
+30190	1 0 0 2 0 0 2 0 0 0	4.07	M0	III	2905	10167	+27	1424		0	-0.3	+30190
+30191	1 0 0 2 0 1 1 0 0 0	4.28	K1	III	2973	10373	+29	1590		3	-0.3	+30191
+30192	1 0 0 0 0 0 1 0 0 0	7.80	MA				+32	1613		1	0.2	+30192
+30193	0 0 0 1 0 0 2 0 0 0	5.24	K5	III	2983	10392	+26	1633		-2	0.1	+30193
+30194	1 0 0 1 0 0 1 0 0 0	1.15	K0	III	2990	10438	+28	1463		-2	-0.2	+30194
+30195	1 0 0 0 0 2 0 0 0 0								AU GEM	1	-1.9	+30195
+30196	0 0 0 1 0 0 1 0 0 0	5.14	M0	G	3013	10482	+33	1585		-2	-0.4	+30196
+30197	0 0 1 2 0 2 1 0 0 0	7.67	M0			10788	+35	1722		0	-0.5	+30197
+30198	1 0 0 1 0 0 1 0 0 0	4.95	K2	III	3149	10912	+28	1532		-2	0.2	+30198
+30199	1 0 0 1 0 0 1 0 0 0	5.63	K5	III	3304	11509	+28	1602		1	-0.5	+30199
+30200	0 0 0 1 0 0 1 0 0 0											+30200

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+30201	8	43	41	+28	56.3	1	1.25	0.3	0.7	1.83	0.05	0.87	3.29	0.05	2.50		1.46	0.07		4	4	+30201
+30202	8	49	29	+28	27.0	1	0.31	0.3	5.9	1.39	0.05	3.12	4.18	0.07	1.03		2.79	0.09		5	3	+30202
+30203	8	51	13	+30	46.3	1	2.00	0.3	1.5	2.88	0.09	0.37	4.65	0.04	1.75		1.77	0.10		4	4	+30203
+30204	8	52	38	+28	7.5	2	0.75	0.5	0.7	2.99	0.10	0.56	4.70	0.06	2.16		1.71	0.12		3	3	+30204
+30205	8	55	16	+33	23.6	2	0.12	0.5	0.1	2.80	0.10	0.06	5.79	0.06	0.06		2.99	0.12		2	2	+30205
+30206R	8	56	30	+32	36.8	2	0.12	0.5	2.0	3.00	0.11	0.06	4.59	-	-	Q	1.59	-		2	2	+30206
+30207	9	1	21	+29	28.1	2	0.37	0.3	1.5	2.53	0.09	0.94	5.62	0.06	1.03		3.09	0.11		3	3	+30207
+30208	9	7	1	+25	27.0	1	2.62	0.2	3.8	1.55	0.05	3.94	5.75	0.05	40.00		4.20	0.07	I	6	5	+30208
+30209	9	7	38	+31	10.0	1	1.87	0.3	3.4	-1.64	0.04	1.41	2.00	0.07	-		3.64	0.08		3	1*	+30209
+30210	9	17	59	+34	36.4	1	2.50	0.2	3.1	-0.68	0.03	2.19	*	-	-		-	-		5	0*	+30210
+30211	9	21	46	+26	24.1	1	1.25	0.3	5.5	1.61	0.05	0.25	3.50	0.05	0.75		1.89	0.07		4	4	+30211
+30212	9	28	13	+25	16.1	1	0.94	0.2	1.2	2.49	0.05	0.16	5.55	0.04	0.47		3.06	0.06		5	5	+30212
+30213	9	33	46	+31	23.6	2	0.37	0.3	4.7	1.50	0.05	0.37	4.02	0.06	0.66		2.52	0.08		3	3	+30213
+30214	9	38	38	+31	30.4	2	1.25	0.3	1.5	1.88	0.06	0.50	4.44	0.05	0.37		2.56	0.08		4	4	+30214
+30215	9	42	35	+34	44.3	1	1.87	0.2	1.5	-0.62	0.03	42.94	3.60	0.04	48.00		4.22	0.05	K,I	6	6	+30215
+30216	9	44	24	+33	0.7	2	1.75	0.5	4.0	2.58	0.08	1.00	5.50	0.05	3.09		2.92	0.09		4	3	+30216
+30217	9	47	52	+31	37.5	2	2.50	0.3	1.5	2.48	0.07	1.12	5.21	0.05	1.87		2.73	0.09		4	3	+30217
+30218	9	49	53	+26	14.9	1	0.75	0.3	1.5	1.20	0.04	0.75	2.93	0.04	0.25		1.73	0.06		4	4	+30218
+30219R	10	13	12	+30	49.4	1	1.50	0.3	4.3	1.15	0.04	24.00	8.69	0.74	-		7.54	0.74	K	3	1	+30219
+30220	10	19	37	+25	45.4	1	1.31	0.2	7.4	1.45	0.03	1.75	5.27	0.04	16.63		3.82	0.05	I	7	7	+30220
+30221	10	21	17	+33	58.4	2	0.75	0.5	0.2	2.82	0.09	0.37	4.81	0.06	2.16		1.99	0.11		4	3	+30221
+30222R	10	21	26	+34	25.7	2	1.75	0.3	0.5	1.65	0.06	0.25	4.60	-	-	Q	2.95	-		4	3	+30222
+30223	10	35	53	+32	14.0	2	2.75	0.7	0.1	2.84	0.12	0.06	4.16	0.08	0.44		1.32	0.14		2	2	+30223
+30224	10	39	21	+31	57.0	1	2.75	0.3	2.3	1.02	0.04	1.00	3.83	0.06	1.25		2.81	0.07		4	4	+30224
+30225	10	43	57	+34	59.6	1	7.50	0.3	1.5	2.99	0.07	2.06	6.00	0.04	8.81		3.01	0.08		6	6	+30225
+30226	10	50	31	+34	29.0	1	3.06	0.2	5.7	1.37	0.04	3.50	2.95	0.03	1.31		1.58	0.05		7	6	+30226
+30227	10	50	51	+26	28.4	1	3.75	0.3	2.2	2.35	0.06	0.94	5.17	0.04	0.47		2.82	0.07		5	5	+30227
+30228	10	52	58	+33	46.5	2	1.31	0.3	0.9	2.45	0.06	0.47	4.21	0.07	0.09		1.76	0.09		3	3	+30228
+30229	11	15	29	+31	48.5	1	2.50	0.3	1.7	2.19	0.05	1.12	3.31	0.05	1.75		1.12	0.07		4	4	+30229
+30230	11	15	46	+33	22.1	1	2.75	0.3	0.2	0.27	0.04	4.25	2.29	0.06	0.50		2.02	0.07		4	2*	+30230
+30231	11	28	18	+28	43.3	2	0.25	0.3	1.2	2.27	0.07	0.75	5.01	0.05	0.37		2.74	0.09		4	3	+30231
+30232	11	41	37	+25	30.1	1	1.75	0.3	4.4	2.43	0.05	4.59	4.77	0.04	1.75		2.34	0.06		7	7	+30232
+30233	11	44	24	+27	17.2	2	0.19	0.3	2.1	3.00	0.09	0.37	6.32	-	-	Q	3.32	-		3	3	+30233
+30234	12	1	1	+29	56.9	2	1.50	0.3	1.2	2.25	0.07	0.75	5.20	0.05	2.37		2.95	0.09		4	4	+30234
+30235	12	9	17	+26	8.9	1	1.50	0.2	1.5	2.28	0.05	0.56	4.53	0.04	2.62		2.25	0.06		6	6	+30235
+30236	12	14	0	+33	20.5	1	7.19	0.2	2.2	2.33	0.04	6.41	4.16	0.05	1.41		1.83	0.06		5	5	+30236
+30237	12	14	26	+28	1.1	2	0.19	0.3	0.9	2.59	0.07	1.03	5.72	0.06	0.84		3.13	0.09		3	3	+30237
+30238	12	24	28	+28	32.5	1	5.25	0.2	0.4	1.91	0.05	0.75	3.53	0.05	0.37		1.62	0.07		6	4	+30238
+30239	12	27	44	+31	46.6	1	0.94	0.3	2.2	2.05	0.05	3.44	6.05	0.05	10.00		4.00	0.07	I	5	4	+30239
+30240	12	31	13	+33	31.0	1	2.75	0.3	5.3	2.93	0.08	0.37	4.72	0.12	0.47		1.79	0.14		4	3	+30240
+30241	12	34	26	+27	19.9	1	0.75	0.3	2.8	0.88	0.04	1.25	5.46	0.05	5.62		4.58	0.06		4	4	+30241
+30242	12	34	29	+32	52.1	2	0.19	0.5	2.6	2.56	0.07	0.37	6.52	0.08	1.22		3.96	0.11		3	3	+30242
+30243	12	56	38	+34	49.1	1	1.00	0.3	2.5	2.99	0.07	3.12	5.96	0.05	1.25		2.97	0.09		4	4	+30243
+30244	12	57	54	+31	2.9	1	0.50	0.3	1.5	2.17	0.05	1.00	4.09	0.05	2.25		1.92	0.07		4	4	+30244
+30245	13	4	49	+27	53.5	1	1.87	0.3	0.7	1.31	0.04	1.22	3.47	0.07	0.09		2.16	0.08		3	3	+30245
+30246	13	9	35	+28	8.0	2	0.56	0.5	0.4	2.87	0.10	0.94	3.86	0.07	0.37		0.99	0.12		3	3	+30246
+30247	13	16	10	+34	21.6	2	0.50	0.3	2.5	2.62	0.07	0.25	4.90	0.04	2.12		2.28	0.08		4	4	+30247
+30248	13	27	29	+27	55.8	2	1.69	0.3	0.4	2.59	0.07	0.28	5.92	0.06	0.09		3.33	0.09		3	3	+30248
+30249	13	42	10	+33	45.9	1	2.25	0.3	0.2	2.30	0.05	5.50	6.30	0.06	6.00		4.00	0.08		4	4	+30249
+30250	13	48	56	+34	54.6	1	6.00	0.2	2.3	1.69	0.04	0.94	4.34	-	-	Q	2.65	-		6	6	+30250

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM		VAR	DA S	DD M	NO.
+30201	0 0 0 2 0 1 1 0 0 0	4.20	G8	II	3475	12083	+29	1824		0	-0.4	+30201
+30202	0 0 0 2 0 1 2 0 0 0	6.14	M3	G	3521	12240	+28	1659		1	0.1	+30202
+30203	2 0 0 1 0 1 0 0 0 0	5.47	G7	G	3532	12289	+31	1907		0	0.0	+30203
+30204	1 0 0 1 0 0 1 0 0 0	5.19	G8	II	3540	12326	+28	1666		-2	0.3	+30204
+30205	0 0 0 1 0 0 1 0 0 0	8.20	MA				+33	1789		0	0.3	+30205
+30206R	1 0 0 0 0 0 1 0 0 0	5.46	G9	G	3575	12417	+32	1821		1	-0.1	+30206
+30207	0 0 0 2 0 1 0 0 0 0	8.00	M2				+29	1860		-2	0.1	+30207
+30208	0 0 0 2 0 0 4 0 0 0								W CNC	3	-0.1	+30208
+30209	1 0 0 1 0 1 0 0 0 0	5.30	M6		3639	12657	+31	1946	RS CNC	0	-0.1	+30209
+30210	0 0 0 2 0 2 1 0 0 0	3.14	M0	III	3705	12880	+35	1979		-2	0.1	+30210
+30211	0 0 0 2 0 0 2 0 0 0	4.46	K2	III	3731	12972	+26	1939		1	0.2	+30211
+30212	1 0 0 2 0 0 2 0 0 0	8.50	M0				+25	2109		0	0.0	+30212
+30213	1 0 0 1 0 1 0 0 0 0	5.56	M2	G	3820	13265	+31	2011		1	0.4	+30213
+30214	1 0 0 1 0 1 1 0 0 0	5.91	K6	G	3850	13369	+31	2026		0	0.0	+30214
+30215	1 0 0 2 0 2 1 0 0 0	6.30	M7E			13437	+35	2050	R LMI	0	-0.3	+30215
+30216	2 0 0 1 0 0 1 0 0 0	7.50	MA				+33	1907		1	-0.1	+30216
+30217	1 0 0 0 0 2 1 0 0 0	7.28	M0			13544	+32	1941		2	-0.1	+30217
+30218	1 0 0 2 0 0 1 0 0 0	3.90	K2	III	3905	13590	+26	2019		-2	0.3	+30218
+30219R	1 0 0 1 0 1 0 0 0 0											+30219
+30220	1 0 0 3 0 0 3 0 0 0	8.80	M8				+26	2077		0	0.2	+30220
+30221	2 0 0 1 0 0 1 0 0 0	5.56	K1	G	4081	14280	+34	2123		0	0.0	+30221
+30222R	1 0 0 2 0 0 1 0 0 0	7.27	M0			14284	+34	2124		-3	-0.1	+30222
+30223	1 0 0 0 0 0 1 0 0 0	4.70	G2	II	4166	14624	+32	2061		-2	-0.2	+30223
+30224	1 0 0 1 0 1 1 0 0 0	6.16	M5	G	4184	14708	+32	2066		-3	-0.5	+30224
+30225	2 0 0 2 0 1 1 0 0 0	7.60	MA				+35	2181		1	-0.1	+30225
+30226	1 0 0 2 0 1 2 1 0 0	3.82	K0	III	4247	14961	+34	2172		-1	-0.1	+30226
+30227	1 0 0 3 0 0 1 0 0 0	7.28	M0			14968	+26	2145		-1	-0.1	+30227
+30228	1 0 0 1 0 0 1 0 0 0	5.01	K1	III	4258	15018	+34	2181		-1	0.0	+30228
+30229	1 0 0 1 0 0 2 0 0 0	4.41	G0	V	4375	15537	+32	2132		-2	-0.1	+30229
+30230	0 0 0 3 0 0 1 0 0 0	3.48	K3	III	4377	15547	+33	2098		-1	0.1	+30230
+30231	1 0 0 2 0 0 1 0 0 0	7.00	M0			15790	+29	2176		1	-0.4	+30231
+30232	1 1 0 2 0 0 2 1 0 0	6.02	K5		4512	16105	+26	2250		-1	0.4	+30232
+30233	1 0 0 1 0 0 0 1 0 0	8.70	G5				+27	2055		2	-0.8	+30233
+30234	1 1 0 1 0 0 0 1 0 0											+30234
+30235	0 1 0 3 0 0 0 2 0 0	5.63	K4	G	4640	16659	+26	2316		-3	-0.1	+30235
+30236	1 0 0 2 0 0 2 0 0 0	4.99	K1	III	4668	16754	+33	2213		0	0.1	+30236
+30237	1 0 0 1 0 0 0 1 0 0	8.30	M0				+28	2097		0	0.1	+30237
+30238	1 0 0 3 0 0 0 2 0 0	4.37	K1	III	4737	16964	+29	2288		0	-0.3	+30238
+30239	1 1 0 1 0 0 1 1 0 0								T CVN	0	-0.2	+30239
+30240	0 0 0 2 0 0 2 0 0 0	5.33	K0	III	4783	17121	+34	2332		1	-0.4	+30240
+30241	2 0 0 1 0 0 0 1 0 0											+30241
+30242	1 0 0 1 0 0 1 0 0 0											+30242
+30243	0 0 0 2 0 0 1 1 0 0	7.70	MA				+35	2387		1	0.2	+30243
+30244	1 1 0 1 0 0 0 1 0 0	4.89	G9	II	4924	17647	+31	2434		1	-0.4	+30244
+30245	1 0 0 1 0 0 0 1 0 0	4.82	K5	III	4954	17787	+28	2185		2	-0.1	+30245
+30246	1 0 0 1 0 0 0 1 0 0	4.28	G0	V	4983	17874	+28	2193		2	0.1	+30246
+30247	1 0 0 2 0 0 1 0 0 0	5.80	K5	G	5022	18010	+34	2410		0	0.0	+30247
+30248	1 0 0 1 0 0 0 1 0 0											+30248
+30249	1 0 0 2 0 0 1 0 0 0								RY CVN	0	-0.1	+30249
+30250	1 0 0 2 0 0 1 2 0 0	5.02	M1	G	5215	18726	+35	2493		-2	-0.1	+30250

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+30251	13 49 34	+34 41.3	1	0.63	0.2	1.6	0.11	0.04	0.94	2.74	0.04	3.28		2.63	0.06		5	5	+30251
+30252	13 54 17	+27 44.5	2	0.56	0.3	0.7	1.61	0.05	0.09	3.80	0.07	0.19		2.19	0.09		3	3	+30252
+30253	13 57 25	+28 1.6	1	2.06	0.3	0.2	2.05	0.05	1.41	6.30	0.07	4.69		4.25	0.09	I	3	3	+30253
+30254	14 20 3	+29 35.8	1	4.69	0.3	2.6	0.59	0.05	3.09	3.66	0.06	1.69		3.07	0.08		3	3	+30254
+30255	14 21 41	+27 30.0	2	1.50	0.3	0.2	2.91	0.18	0.09	5.89	0.20	-		2.98	0.27		3	1	+30255
+30256	14 21 47	+27 38.3	1	0.94	0.3	0.2	2.48	0.11	0.09	5.21	-	-	Q	2.73	-		3	3	+30256
+30257	14 21 58	+25 55.9	2	0.63	0.5	0.1	-1.85	0.06	0.19	2.77	0.06	3.25		4.62	0.08	I	2*	2	+30257
+30258	14 26 32	+26 4.5	1	0.19	0.3	1.1	1.72	0.05	1.31	4.48	0.05	0.09		2.76	0.07		3	3	+30258
+30259	14 29 41	+30 35.5	1	0.94	0.3	1.5	0.61	0.04	1.12	*	-	-		-	-		3	0*	+30259
+30260	14 35 1	+26 57.5	2	0.50	0.5	2.3	1.99	0.07	13.37	5.82	0.06	32.00		3.83	0.09	K,I	4	4	+30260
+30261	14 37 8	+32 45.1	1	0.56	0.3	1.3	-0.19	0.05	2.91	3.91	0.06	2.25		4.10	0.08		3	3	+30261
+30262	14 39 5	+31 47.4	1	2.50	0.3	3.4	0.33	0.04	1.25	4.24	0.06	1.12		3.91	0.07		5	4	+30262
+30263	14 41 14	+26 44.5	1	0.56	0.3	0.7	0.21	0.05	3.09	2.82	0.05	0.19		2.61	0.07		3	3	+30263
+30264	14 42 50	+27 16.9	1	0.25	0.3	2.0	-0.01	0.05	4.50	*	-	-		-	-		4	0*	+30264
+30265	14 43 8	+32 59.9	2	1.75	0.3	0.2	2.03	0.05	1.37	4.82	0.05	0.94		2.79	0.07		4	3	+30265
+30266	14 59 56	+25 12.2	1	1.25	0.3	0.9	1.30	0.04	5.78	3.58	0.05	1.50		2.28	0.06		5	4	+30266
+30267	15 0 26	+31 52.9	1	0.25	0.3	0.2	0.70	0.03	0.37	3.89	0.05	2.00		3.19	0.06		4	4	+30267
+30268	15 2 20	+27 8.5	1	0.19	0.3	0.4	1.61	0.05	0.37	3.47	0.06	0.19		1.86	0.08		3	3	+30268
+30269	15 6 14	+26 29.4	2	0.19	0.3	0.2	2.67	0.08	0.37	4.73	0.06	0.09		2.06	0.10		3	3	+30269
+30270R	15 12 3	+31 58.4	2	0.50	0.3	0.5	2.11	0.05	0.63	4.65	-	-	Q	2.54	-		4	4	+30270
+30271	15 13 28	+33 30.0	1	7.25	0.3	0.7	1.14	0.03	5.25	2.73	0.04	0.87		1.59	0.05		4	4	+30271
+30272	15 19 19	+31 32.6	1	3.37	0.2	0.4	-0.20	0.04	5.44	3.67	0.04	38.75		3.87	0.06	I	6	5	+30272
+30273	15 24 20	+34 30.5	1	3.00	0.2	6.5	2.02	0.04	1.00	4.37	0.05	1.09		2.35	0.06		8	7	+30273
+30274	15 25 30	+25 16.5	1	0.94	0.2	2.5	1.82	0.04	3.28	4.51	0.04	3.28		2.69	0.06		5	5	+30274
+30275	15 32 32	+26 53.0	2	0.75	0.3	2.8	2.21	0.07	1.12	2.32	0.05	1.87		0.11	0.09		4	3	+30275
+30276	15 34 55	+32 44.9	2	0.19	0.3	0.2	2.49	0.07	1.31	6.21	0.06	0.37		3.72	0.09		3	3	+30276
+30277	15 42 26	+32 18.0	2	3.25	0.3	0.7	2.34	0.05	0.50	6.05	0.06	7.22		3.71	0.08	I	4	3	+30277
+30278	15 46 4	+31 53.5	2	1.00	0.3	3.8	2.73	0.08	1.62	5.16	0.04	3.87		2.43	0.09		4	4	+30278
+30279	15 47 31	+26 13.4	2	0.19	0.5	0.4	2.71	0.08	0.28	4.08	0.08	0.75		1.37	0.11		3	3	+30279
+30280	15 55 31	+27 1.1	1	0.50	0.3	0.7	1.28	0.05	0.87	3.14	0.05	0.75		1.86	0.07		4	3	+30280
+30281	16 3 42	+31 3.4	2	2.00	0.5	3.3	2.97	0.07	2.50	6.08	0.05	0.63		3.11	0.09		4	4	+30281
+30282	16 5 14	+32 30.6	2	0.19	0.3	0.9	2.28	0.05	0.66	6.03	0.06	2.06		3.75	0.08		3	3	+30282
+30283R	16 8 7	+25 12.0	1	0.94	0.3	8.1	0.40	0.04	40.00	6.04	0.06	40.00		5.64	0.07	K,I	5	5	+30283
+30284	16 10 25	+25 1.5	1	1.25	0.3	1.7	2.40	0.06	3.50	7.18	0.11	19.50		4.78	0.13	I	4	4	+30284
+30285	16 11 6	+26 39.4	2	3.12	0.3	0.9	2.94	0.08	3.75	6.04	0.05	0.78		3.10	0.09		5	5	+30285
+30286	16 18 43	+34 44.5	1	7.00	0.2	5.7	2.29	0.04	2.41	5.83	0.04	5.81		3.54	0.06		7	6	+30286
+30287	16 20 9	+31 0.5	2	0.75	0.3	2.1	2.59	0.07	1.41	4.20	0.06	0.09		1.61	0.09		3	3	+30287
+30288	16 20 28	+33 55.0	2	0.12	0.3	0.1	0.85	0.21	0.19	3.46	0.21	0.06		2.61	0.30		2	2	+30288
+30289	16 20 35	+33 49.3	2	0.12	0.3	0.1	1.62	0.21	0.12	-	-	-		-	-		2	0	+30289
+30290	16 21 8	+30 58.1	2	0.19	0.3	0.7	1.40	0.04	0.94	5.36	0.05	5.72		3.96	0.06	I	3	3	+30290
+30291	16 23 7	+29 21.9	2	1.87	0.3	1.9	2.42	0.06	1.50	5.92	0.06	1.50		3.50	0.08		3	3	+30291
+30292	16 25 59	+34 54.6	2	1.25	0.5	0.7	3.10	0.10	29.38	9.44	-	-	Q	6.34	-	K	4	3	+30292
+30293	16 35 47	+27 8.5	1	1.12	0.3	4.9	2.16	0.06	0.19	5.08	0.04	3.37		2.92	0.07		6	4	+30293
+30294	16 39 23	+31 41.5	2	1.75	0.3	0.2	1.27	0.04	1.50	*	-	-		-	-		4	0*	+30294
+30295	16 40 4	+33 1.1	2	0.19	0.3	1.1	2.50	0.06	0.09	6.83	-	-	Q	4.33	-		3	3	+30295
+30296	16 41 1	+26 9.1	2	6.25	0.5	1.9	2.71	0.08	0.94	5.79	0.09	0.06		3.08	0.12		5	2	+30296
+30297	16 48 43	+29 53.8	1	6.37	0.3	1.5	1.74	0.06	0.37	4.29	0.06	0.94		2.55	0.08		6	5	+30297
+30298	16 57 52	+27 23.2	2	1.25	0.3	0.7	2.08	0.05	0.50	5.14	0.05	0.50		3.06	0.07		4	4	+30298
+30299	16 58 16	+26 19.0	1	6.25	0.2	1.6	2.59	0.05	1.09	5.74	0.04	2.19		3.15	0.06		5	5	+30299
+30300	17 2 49	+28 44.6	1	2.50	0.3	1.9	2.24	0.05	1.72	5.52	0.04	0.63		3.28	0.06		5	5	+30300

NO.	OBSERVATIONAL RECORD • 65 • 66 • 67 •	V	TYPE	CLASS	BS=HR	GC	DM	VAR	DA S	DD M	NO.
+30251	1 0 0 2 0 0 1 1 0 0	4.75	K5	III	5219	18741	+35 2496		-2	-0.2	+30251
+30252	1 0 0 1 0 0 0 1 0 0	5.02	K3	III	5247	18850	+28 2278		0	0.3	+30252
+30253	1 0 0 1 0 0 0 1 0 0							WY BOO	2	-0.2	+30253
+30254	1 0 0 1 0 0 0 1 0 0	6.56	M3			19385	+30 2513		0	-0.1	+30254
+30255	1 0 0 1 0 0 0 1 0 0	8.00	M0				+27 2374		1	0.2	+30255
+30256	1 0 0 1 0 0 0 1 0 0	6.61	K5			19431	+28 2318		-2	-0.1	+30256
+30257	0 1 0 1 0 0 1 1 0 0	6.50	M8				+26 2563	RX BOO	1	0.1	+30257
+30258	0 1 0 1 0 0 0 1 0 0	7.01	M0			19528	+26 2575		0	-0.1	+30258
+30259	0 1 0 1 0 0 0 1 0 0	3.57	K3	III	5429	19597	+31 2628		0	0.1	+30259
+30260	1 1 0 1 0 0 0 1 0 0	5.90	M4E			19706	+27 2400	R BOO	1	0.3	+30260
+30261	0 1 0 1 1 0 0 0 0 0	8.30	MB				+33 2482	RV BOO	-2	-0.1	+30261
+30262	0 1 0 2 1 0 0 1 0 0	8.00	MB				+32 2504	RW BOO	-1	0.3	+30262
+30263	0 1 0 1 0 0 0 1 0 0	4.82	M3	G	5490	19831	+27 2413	W BOO	0	0.1	+30263
+30264	1 0 0 2 0 0 0 1 0 0	2.70	K0	II	5506	19856	+27 2417		1	-0.2	+30264
+30265	1 1 0 1 1 0 0 0 0 0	6.30	M1	G	5510	19867	+33 2489		-1	-0.1	+30265
+30266	0 1 0 1 1 0 2 0 0 0	4.82	K4	III	5600	20224	+25 2861		0	0.0	+30266
+30267	0 1 0 1 1 0 0 1 0 0	6.80	M3			20239	+32 2537		-1	0.1	+30267
+30268	1 0 0 1 0 0 0 1 0 0	4.55	K2	III	5616	20285	+27 2447		2	0.0	+30268
+30269	0 1 0 1 0 0 0 1 0 0	5.56	K2	G	5638	20367	+26 2656		0	-0.1	+30269
+30270R	0 1 0 1 1 0 0 1 0 0	6.06	K5		5674	20489	+32 2561		0	0.0	+30270
+30271	1 1 0 1 1 0 0 0 0 0	3.50	G8	III	5681	20523	+33 2561		-2	0.0	+30271
+30272	0 1 0 2 1 0 0 2 0 0	6.00	M7E			20662	+31 2725	S CRB	-3	-0.2	+30272
+30273	1 1 0 3 2 0 0 1 0 0	5.46	K4	III	5741	20761	+34 2645		0	0.0	+30273
+30274	0 2 0 1 1 0 1 0 0 0	6.07	M1	G	5745	20786	+25 2916		0	0.0	+30274
+30275	1 1 0 1 0 0 0 1 0 0	2.23	A0	V	5793	20947	+27 2512	ALF CRB	-2	0.1	+30275
+30276	0 1 0 1 1 0 0 0 0 0	9.00	MC				+33 2607		-1	0.1	+30276
+30277	0 1 0 1 2 0 0 0 0 0										+30277
+30278	0 1 0 1 1 0 0 1 0 0	6.38	K5		5877	21247	+32 2631		0	0.2	+30278
+30279	0 1 0 1 0 0 0 1 0 0	4.62	G5	III	5889	21276	+26 2737		0	0.2	+30279
+30280	1 1 0 1 0 0 0 1 0 0	4.15	K3	III	5947	21440	+27 2558		0	-0.2	+30280
+30281	0 1 0 2 0 0 0 1 0 0	8.20	MA				+31 2815		0	0.3	+30281
+30282	0 1 0 1 1 0 0 0 0 0	9.00					+32 2679		1	-0.1	+30282
+30283R	0 1 0 2 1 0 1 0 0 0							RU HER	-2	0.0	+30283
+30284	0 1 0 1 1 0 1 0 0 0							VV HER	0	0.0	+30284
+30285	0 1 0 1 1 0 0 2 0 0	8.50	M2				+26 2804		1	0.1	+30285
+30286	1 1 0 1 3 0 0 1 0 0	8.90	MB				+34 2768		-1	-0.3	+30286
+30287	0 1 0 1 0 0 0 1 0 0	4.85	K0	III	6103	22020	+31 2845		0	0.1	+30287
+30288	0 1 0 0 1 0 0 0 0 0	5.32	M2	G	6107	22026	+34 2773		-1	0.1	+30288
+30289	0 1 0 0 1 0 0 0 0 0	5.32	K5	III	6108	22029	+34 2774		-1	0.1	+30289
+30290	0 1 0 1 0 0 0 1 0 0	9.20					+31 2847	RY CRB	0	0.1	+30290
+30291	1 0 0 1 0 0 0 1 0 0	9.00	M3				+29 2824	BE HER	1	0.0	+30291
+30292	0 1 0 1 1 0 0 1 0 0										+30292
+30293	2 0 0 2 1 0 0 1 0 0	7.08	M0			22369	+27 2661		0	-0.1	+30293
+30294	0 1 0 1 1 0 0 1 0 0	2.82	G0	IV	6212	22464	+31 2884		-1	0.0	+30294
+30295	0 1 0 1 1 0 0 0 0 0										+30295
+30296	0 2 0 1 1 0 0 1 0 0	8.20	M0				+26 2885		-3	0.1	+30296
+30297	1 1 0 1 1 0 0 2 0 0	5.66	M1	G	6258	22682	+30 2884		1	0.3	+30297
+30298	1 0 0 1 1 0 0 1 0 0	7.26	M3			22923	+27 2733		-1	-0.1	+30298
+30299	0 2 0 1 1 0 0 1 0 0	8.20	M0				+26 2932		0	0.0	+30299
+30300	1 0 0 0 2 0 0 2 0 0	8.10	M0				+28 2662		-1	-0.2	+30300

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+30301	17 8 28	+29 13.9	2	2.00	0.3	1.5	2.89	0.07	1.37	5.89	0.06	0.47		3.00	0.09		4	3	+30301
+30302	17 8 38	+27 39.3	2	0.19	0.3	0.4	1.28	0.05	0.19	5.43	0.05	11.62		4.15	0.07	I	3	3	+30302
+30303	17 15 35	+28 57.9	1	2.50	0.3	0.6	2.26	0.06	2.34	5.16	0.05	1.12		2.90	0.08		5	3	+30303
+30304R	17 16 25	+32 44.4	2	0.37	0.5	0.1	2.61	0.08	0.06	5.99	-	-	Q	3.38	-		2	2	+30304
+30305	17 17 24	+27 20.1	1	1.87	0.2	1.2	2.38	0.05	2.66	5.12	0.04	3.12		2.74	0.06		5	5	+30305
+30306	17 21 3	+25 28.1	1	3.50	0.2	3.0	2.65	0.05	3.00	6.21	0.04	12.25		3.56	0.06	I	8	7	+30306
+30307	17 28 43	+26 9.0	1	0.25	0.3	0.2	1.10	0.04	4.50	3.19	0.05	0.75		2.09	0.06		4	4	+30307
+30308	17 34 18	+31 27.6	2	0.25	0.3	0.7	2.36	0.05	3.87	6.79	0.07	2.00		4.43	0.09		4	4	+30308
+30309	17 34 22	+27 35.9	1	1.87	0.2	2.3	1.41	0.04	2.44	4.31	0.06	1.41		2.90	0.07		6	5	+30309
+30310	17 38 3	+31 13.7	2	0.37	0.3	0.2	1.83	0.04	0.56	4.46	0.07	0.37		2.63	0.08		3	3	+30310
+30311	17 41 6	+29 40.6	2	4.06	0.3	0.6	1.49	0.05	1.87	4.69	0.06	0.94		3.20	0.08		5	5	+30311
+30312	17 44 29	+27 44.8	1	2.19	0.2	5.3	1.70	0.04	0.63	2.84	0.04	0.16		1.14	0.06		5	5	+30312
+30313	17 45 48	+28 24.2	1	6.00	0.3	1.0	2.39	0.05	3.50	6.01	0.05	1.31		3.62	0.07		8	6	+30313
+30314	17 45 49	+28 46.3	1	2.62	0.2	3.9	2.04	0.04	3.06	5.15	0.06	0.25		3.11	0.07		7	2	+30314
+30315	17 45 53	+30 22.5	2	4.37	0.3	3.8	2.77	0.08	2.97	5.63	0.06	0.06		2.86	0.10		5	2	+30315
+30316	17 46 49	+25 38.6	1	1.00	0.3	1.5	2.46	0.04	3.25	4.32	0.04	2.00		1.86	0.06		8	8	+30316
+30317	17 48 59	+30 6.5	2	3.50	0.3	0.5	2.98	0.08	1.62	5.68	-	-	Q	2.70	-		4	4	+30317
+30318	17 50 14	+26 31.1	1	0.63	0.3	1.9	1.99	0.04	1.41	5.70	0.04	2.66		3.71	0.06		5	5	+30318
+30319	17 50 35	+30 45.3	2	0.56	0.3	1.1	2.41	0.05	1.31	5.69	0.05	1.22		3.28	0.07		3	3	+30319
+30320	17 54 27	+31 8.2	2	0.25	0.3	1.0	2.49	0.06	3.12	6.07	0.05	3.25		3.58	0.08		4	4	+30320
+30321	17 54 54	+26 59.3	2	2.50	0.3	1.0	2.46	0.06	0.12	6.11	0.05	1.00		3.65	0.08		4	4	+30321
+30322	17 55 26	+29 46.6	2	1.87	0.3	0.7	2.52	0.07	3.75	7.57	0.15	2.81		5.05	0.17		3	3	+30322
+30323	17 55 34	+33 48.3	2	0.25	0.3	1.5	2.32	0.07	0.06	5.63	-	-	Q	3.31	-		2	2	+30323
+30324	17 55 50	+29 15.1	1	8.00	0.3	6.3	1.58	0.04	1.50	3.01	0.04	0.63		1.43	0.06		4	4	+30324
+30325	17 58 47	+33 12.6	2	0.12	0.3	0.6	2.14	0.06	1.31	4.76	-	-	Q	2.62	-		2	2	+30325
+30326	17 59 46	+33 18.2	2	0.12	0.3	0.1	2.43	0.08	0.81	4.92	0.06	1.50		2.49	0.10		2	2	+30326
+30327	18 5 23	+34 49.5	1	2.50	0.3	3.1	2.14	0.05	0.47	5.26	0.04	2.50		3.12	0.06		5	5	+30327
+30328	18 10 2	+31 24.0	1	5.25	0.3	2.3	0.35	0.05	2.81	3.04	0.04	0.47		2.69	0.06		6	5	+30328
+30329	18 10 46	+25 5.0	1	0.31	0.3	8.1	2.66	0.06	1.09	7.68	0.13	1.78		5.02	0.14		5	3	+30329
+30330	18 12 32	+30 11.0	1	3.50	0.3	0.5	1.19	0.05	1.62	6.12	0.06	3.12		4.93	0.08		4	4	+30330
+30331	18 15 49	+34 54.4	2	0.56	0.3	3.0	2.97	0.09	1.59	6.72	0.09	4.22		3.75	0.13		3	3	+30331
+30332	18 17 56	+29 39.0	2	1.25	0.3	5.0	2.97	0.07	0.47	5.15	0.04	1.72		2.18	0.08		5	5	+30332
+30333	18 18 9	+25 50.3	1	13.12	0.2	7.4	2.17	0.04	4.16	6.64	0.05	9.41		4.47	0.06		7	7	+30333
+30334	18 18 39	+31 44.3	1	3.75	0.3	1.2	0.76	0.04	2.81	5.48	0.04	20.47		4.72	0.06	I	5	5	+30334
+30335	18 25 56	+31 10.4	2	0.75	0.3	0.5	2.36	0.06	1.00	5.50	0.05	8.50		3.14	0.08	I	4	4	+30335
+30336	18 29 9	+25 7.9	2	6.37	0.3	2.3	2.43	0.07	3.75	5.59	0.04	2.19		3.16	0.08		6	5	+30336
+30337	18 36 43	+30 24.6	2	1.75	0.3	1.2	2.36	0.06	1.25	5.42	0.06	0.19		3.06	0.08		4	3	+30337
+30338	18 38 58	+31 38.6	1	0.75	0.3	1.5	2.42	0.05	1.12	6.10	0.06	2.50		3.68	0.08		6	4	+30338
+30339	18 39 31	+28 45.9	1	5.50	0.2	4.0	1.70	0.03	10.25	6.09	0.04	20.56		4.39	0.05	I	8	7	+30339
+30340	18 40 7	+28 54.5	1	4.00	0.2	5.5	0.71	0.04	4.00	5.20	0.04	11.59		4.49	0.06	I	8	7	+30340
+30341	18 41 6	+29 45.5	1	1.87	0.2	0.6	2.00	0.05	0.47	5.40	0.04	2.66		3.40	0.06		5	5	+30341
+30342	18 44 2	+26 36.3	1	0.94	0.3	4.4	2.01	0.05	2.03	3.93	0.06	1.00		1.92	0.08		5	4	+30342
+30343R	18 48 12	+33 17.9	2	1.00	0.3	2.0	2.96	0.08	2.50	3.49	-	-	Q	0.53	-		4	3	+30343
+30344	18 50 28	+33 27.1	2	0.19	0.3	0.6	1.67	0.05	0.19	5.57	0.06	1.69		3.90	0.08		3	3	+30344
+30345	18 51 11	+30 34.1	1	1.12	0.2	1.1	2.60	0.06	2.81	6.79	-	-	Q	4.19	-		6	6	+30345
+30346	18 52 16	+27 50.6	2	2.75	0.3	1.2	2.48	0.07	1.25	4.65	0.05	3.00		2.17	0.09		4	4	+30346
+30347	18 53 59	+30 5.4	2	0.25	0.3	1.7	2.53	0.06	7.25	7.91	0.17	4.50		5.38	0.18	K	4	4	+30347
+30348	18 56 30	+25 10.6	2	0.75	0.3	2.0	2.91	0.08	0.87	5.85	0.06	0.19		2.94	0.10		4	3	+30348
+30349	18 57 44	+26 10.0	2	0.75	0.3	0.7	2.29	0.06	1.22	4.37	0.09	0.09		2.08	0.11		3	3	+30349
+30350	18 58 7	+32 4.5	1	0.94	0.3	0.2	1.69	0.05	1.69	3.85	0.06	0.19		2.16	0.08		3	3	+30350

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
+30301	2 0 0 0 1 0 0 1 0 0	8.20	M0				+29 2951		-2	0.2	+30301
+30302	1 0 0 0 1 0 0 1 0 0							CX HER	1	0.1	+30302
+30303	1 0 0 0 2 0 0 2 0 0	7.07	M0			23364	+29 2978		-2	-0.1	+30303
+30304R	0 1 0 0 1 0 0 0 0 0	8.70					+32 2886		0	-0.1	+30304
+30305	1 1 0 1 1 0 0 1 0 0	7.06	M0			23413	+27 2790		0	0.1	+30305
+30306	0 2 0 1 3 0 0 2 0 0										+30306
+30307	0 2 0 0 1 0 0 1 0 0	4.41	K4	III	6526	23726	+26 3034		-1	0.2	+30307
+30308	0 1 0 0 2 0 0 1 0 0										+30308
+30309	1 2 0 1 1 0 0 1 0 0	6.57	M0			23872	+27 2849		0	0.0	+30309
+30310	0 1 0 0 1 0 0 1 0 0	6.03	M2	G	6584	23967	+31 3075		-2	0.1	+30310
+30311	1 0 0 0 2 0 0 2 0 0	7.80	M3				+29 3095		0	0.1	+30311
+30312	0 2 0 1 1 0 0 1 0 0	3.35	G5	IV	6623	24138	+27 2888		-2	-0.2	+30312
+30313	1 2 0 1 3 0 0 1 0 0	9.10	M1				+28 2834		1	0.4	+30313
+30314	1 1 0 0 3 0 0 2 0 0	8.20	M3				+28 2835		0	-0.2	+30314
+30315	0 1 0 0 2 0 0 2 0 0	7.80	MA				+30 3061		-2	0.4	+30315
+30316	0 2 0 0 4 0 0 2 0 0	5.17	K2	III	6644	24199	+25 3353		1	0.3	+30316
+30317	0 1 0 0 1 0 0 2 0 0	8.30	M3				+30 3068		1	0.0	+30317
+30318	0 3 0 0 1 0 0 1 0 0	8.90	M2				+26 3102		-2	0.0	+30318
+30319	0 1 0 0 1 0 0 1 0 0	8.30	MB				+30 3074		0	0.1	+30319
+30320	0 1 0 0 2 0 0 1 0 0							OO HER	-2	-1.7	+30320
+30321	0 2 0 0 1 0 0 1 0 0										+30321
+30322	1 0 0 0 1 0 0 1 0 0							AU HER	1	-0.2	+30322
+30323	0 1 0 0 1 0 0 0 0 0	8.70	M0			24439	+33 2996		-2	0.4	+30323
+30324	1 1 0 0 1 0 0 1 0 0	3.71	G9	III	6703	24448	+29 3156		0	0.0	+30324
+30325	0 1 0 0 1 0 0 0 0 0	5.84	K6	G	6726	24523	+33 3006		0	-0.2	+30325
+30326	0 1 0 0 1 0 0 0 0 0	6.05	K5		6737	24554	+33 3009		-1	-0.4	+30326
+30327	0 1 0 0 3 0 0 1 0 0	7.50	MA				+34 3126		-1	0.4	+30327
+30328	0 1 0 0 3 0 0 2 0 0	4.97	M3	G	6815	24831	+31 3199		0	0.5	+30328
+30329	0 2 0 0 2 0 0 1 0 0										+30329
+30330	0 1 0 0 2 0 0 1 0 0										+30330
+30331	0 1 0 0 1 0 0 1 0 0	9.20					+34 3173		-3	0.4	+30331
+30332	0 2 0 0 2 0 0 1 0 0	6.00	K4	G	6867	25025	+29 3236		-1	0.4	+30332
+30333	0 2 0 0 4 0 0 1 0 0										+30333
+30334	0 1 0 0 3 0 0 1 0 0							TU LYR	1	0.4	+30334
+30335	0 1 0 0 2 0 0 1 0 0	7.70	MB				+31 3272		2	0.4	+30335
+30336	0 2 0 0 2 0 0 2 0 0	7.80	M0				+25 3551		1	0.3	+30336
+30337	0 1 0 0 2 0 0 1 0 0	7.40	MA				+30 3255		-2	0.2	+30337
+30338	0 1 0 0 4 0 0 1 0 0	9.00	MB				+31 3328	EY LYR	0	1.1	+30338
+30339	0 3 0 0 4 0 0 1 0 0							SY LYR	0	-0.1	+30339
+30340	0 3 0 0 4 0 0 1 0 0							FI LYR	-1	0.0	+30340
+30341	0 2 0 0 2 0 0 1 0 0	8.70	M0				+29 3326		1	0.1	+30341
+30342	0 3 0 0 2 0 0 0 0 0	4.84	K3	III	7064	25721	+26 3349		-2	-0.2	+30342
+30343R	0 1 0 0 3 0 0 0 0 0	3.43	B7	V	7106	25847	+33 3223	BET LYR	-2	-0.3	+30343
+30344	0 1 0 0 2 0 0 0 0 0							HM LYR	-3	-0.6	+30344
+30345	0 2 0 0 3 0 0 1 0 0										+30345
+30346	0 2 0 0 2 0 0 0 0 0	5.65	K4	G	7132	25942	+27 3150		2	-0.2	+30346
+30347	0 2 0 0 2 0 0 0 0 0										+30347
+30348	0 1 0 0 2 0 0 1 0 0	7.90	K5				+25 3683		1	-0.1	+30348
+30349	0 1 0 0 2 0 0 0 0 0	5.14	K2	III	7181	26101	+26 3418		0	0.4	+30349
+30350	0 1 0 0 2 0 0 0 0 0	4.93	K3	II	7192	26115	+31 3424		-2	0.0	+30350

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+30351	19	1	28	+29	4.3	2	3.50	0.3	4.5	2.21	0.06	2.87	6.97	0.08	4.12		4.76	0.10		4	4	+30351
+30352	19	1	28	+34	20.4	2	0.19	0.7	0.4	2.92	0.10	0.09	6.46	0.08	0.37		3.54	0.13		3	3	+30352
+30353	19	3	2	+31	40.1	1	3.06	0.2	0.4	1.83	0.04	3.50	4.28	0.06	0.56		2.45	0.07		7	6	+30353
+30354	19	3	3	+30	39.6	1	2.00	0.3	0.2	1.73	0.04	0.87	4.42	0.08	1.31		2.69	0.09		4	3	+30354
+30355	19	3	14	+27	3.1	1	7.50	0.3	1.2	0.78	0.04	2.37	5.20	0.05	4.25		4.42	0.06		4	4	+30355
+30356	19	3	29	+31	29.9	1	3.94	0.2	1.7	2.03	0.03	1.09	5.94	-	-	Q	3.91	-		7	6	+30356
+30357	19	3	50	+29	51.0	2	1.87	0.3	4.1	2.06	0.07	1.31	4.83	0.03	2.81		2.77	0.08		6	6	+30357
+30358	19	5	16	+30	6.9	2	0.56	0.5	0.7	2.68	0.08	0.94	7.92	0.30	-		5.24	0.31		3	1	+30358
+30359	19	6	8	+30	32.9	2	0.25	0.3	0.2	2.72	0.07	1.00	5.69	-	-	Q	2.97	-		4	4	+30359
+30360	19	7	7	+29	34.9	1	3.12	0.3	4.1	2.37	0.06	6.41	7.30	0.12	32.00		4.93	0.13	I	5	4	+30360
+30361	19	8	8	+32	19.7	2	1.50	0.3	0.4	2.48	0.07	0.28	5.94	0.07	0.06		3.46	0.10		3	2	+30361
+30362	19	9	44	+32	31.7	2	2.44	0.3	0.2	1.92	0.05	0.28	5.34	0.06	1.69		3.42	0.08		3	3	+30362
+30363	19	12	1	+32	27.9	2	3.37	0.5	1.9	2.42	0.06	0.19	6.20	0.06	1.97		3.78	0.08		3	3	+30363
+30364	19	13	29	+30	26.2	2	2.50	0.3	0.2	1.42	0.04	1.00	4.19	0.07	0.56		2.77	0.08		4	3	+30364
+30365	19	14	15	+29	15.1	2	1.50	0.3	4.5	2.38	0.05	3.25	6.84	0.08	1.00		4.46	0.09		4	4	+30365
+30366	19	14	47	+31	3.0	2	0.25	0.3	0.2	1.77	0.05	2.75	4.98	0.04	5.87		3.21	0.06		4	4	+30366
+30367	19	17	5	+27	10.2	1	16.13	0.2	1.5	2.16	0.04	3.19	5.06	0.04	6.37		2.90	0.06		6	6	+30367
+30368	19	19	11	+27	56.5	1	1.25	0.5	0.2	2.81	0.07	0.37	6.56	0.07	1.25		3.75	0.10		4	4	+30368
+30369	19	22	29	+28	25.1	1	2.62	0.3	0.4	2.97	0.07	0.94	8.03	0.19	0.06		5.06	0.20		6	2	+30369
+30370	19	28	45	+27	51.3	1	10.00	0.3	1.6	0.11	0.05	1.72	*	-	-		-	-		5	0*	+30370
+30371	19	29	53	+31	46.0	2	4.37	0.3	0.9	2.98	0.08	1.72	6.29	0.05	1.72		3.31	0.09		5	5	+30371
+30372	19	31	56	+30	1.7	2	0.94	0.3	3.6	2.99	0.09	0.37	7.57	0.14	2.16		4.58	0.17		3	3	+30372
+30373	19	32	10	+25	14.4	1	1.00	0.3	1.0	2.53	0.06	3.87	5.37	0.05	1.00		2.84	0.08		4	4	+30373
+30374	19	32	12	+27	57.0	1	4.37	0.3	2.2	2.89	0.07	38.28	7.81	0.14	1.41		4.92	0.16	K	5	5	+30374
+30375	19	32	49	+30	39.8	2	12.00	0.3	0.6	2.49	0.06	4.22	7.36	0.12	3.84		4.87	0.13		3	3	+30375
+30376	19	33	4	+33	41.0	1	2.06	0.3	0.2	1.50	0.04	3.19	4.60	0.06	0.47		3.10	0.07		3	3	+30376
+30377	19	34	48	+25	13.2	2	2.50	0.3	1.0	2.97	0.07	0.37	8.37	0.32	0.06		5.40	0.33		4	2	+30377
+30378	19	35	48	+34	54.4	2	2.50	0.3	1.2	2.74	0.07	0.78	5.34	-	-	Q	2.60	-		5	4	+30378
+30379	19	36	59	+28	23.7	1	2.50	0.2	4.5	1.08	0.03	18.50	5.97	0.04	60.25		4.89	0.05	K,I	8	8	+30379
+30380	19	37	24	+30	2.3	2	2.50	0.3	1.2	2.45	0.06	2.66	4.01	0.06	1.87		1.56	0.08		5	3	+30380
+30381	19	38	53	+28	55.4	1	2.25	0.2	0.7	2.37	0.06	4.69	7.53	0.13	1.87		5.16	0.14		6	3	+30381
+30382	19	39	2	+32	29.9	1	0.50	0.3	1.2	1.93	0.04	3.87	5.52	0.06	1.03		3.59	0.07		4	3	+30382
+30383	19	39	46	+30	42.1	2	1.12	0.3	0.9	2.73	0.06	1.41	5.54	0.07	0.31		2.81	0.09		3	2	+30383
+30384	19	40	2	+26	30.7	2	0.19	0.3	0.2	2.90	0.08	1.59	6.52	0.07	1.12		3.62	0.11		3	3	+30384
+30385	19	41	42	+34	22.1	2	4.75	0.5	2.3	2.91	0.08	2.12	8.73	0.39	0.37		5.82	0.40		4	3	+30385
+30386	19	41	53	+27	0.7	2	0.75	0.3	0.5	2.68	0.07	1.00	5.17	0.05	3.62		2.49	0.09		4	4	+30386
+30387	19	42	0	+27	39.0	1	2.00	0.3	0.7	2.78	0.07	11.12	7.15	0.10	9.62		4.37	0.12	K,I	4	4	+30387
+30388	19	42	44	+34	17.7	1	0.50	0.3	1.0	0.78	0.04	3.12	4.01	0.07	0.19		3.23	0.08		4	3	+30388
+30389	19	42	46	+30	34.6	2	1.25	0.3	3.3	2.44	0.07	3.25	6.79	0.09	2.44		4.35	0.11		4	3	+30389
+30390	19	43	31	+31	21.2	2	1.25	0.5	2.5	2.32	0.06	1.72	6.50	0.07	3.84		4.18	0.09		5	3	+30390
+30391	19	43	46	+30	7.5	2	2.00	0.3	2.5	1.93	0.05	3.37	5.24	0.05	2.87		3.31	0.07		4	4	+30391
+30392	19	46	41	+26	0.5	2	0.25	0.3	0.5	2.82	0.07	3.12	8.14	0.20	0.12		5.32	0.21		4	4	+30392
+30393	19	47	13	+30	17.2	2	2.50	0.3	1.5	2.45	0.06	0.75	6.81	0.08	1.50		4.36	0.10		4	3	+30393
+30394	19	48	17	+26	13.7	2	2.06	0.3	0.4	2.64	0.07	0.84	7.22	0.11	0.28		4.58	0.13		3	3	+30394
+30395	19	48	37	+32	47.3	0	-	0.0	-	*	-	-	2.52	0.08	-		-	-		0*	1*	+30395
+30396	19	50	18	+25	51.5	2	0.63	0.5	3.1	3.00	0.10	1.41	6.32	0.06	7.37		3.32	0.12	I	5	4	+30396
+30397	19	51	5	+29	31.5	1	9.37	0.3	1.5	2.84	0.06	26.63	7.06	0.08	27.19		4.22	0.10	K,I	6	5	+30397
+30398	19	51	28	+33	49.1	2	0.94	0.3	0.2	2.19	0.06	1.59	5.29	0.06	0.19		3.10	0.08		3	3	+30398
+30399	19	52	14	+33	39.0	2	3.75	0.3	0.4	2.88	0.08	2.72	5.46	0.06	0.47		2.58	0.10		3	3	+30399
+30400	19	53	41	+32	37.9	2	0.12	0.5	0.1	2.11	0.07	16.00	7.38	0.21	-		5.27	0.22	K	2	1	+30400

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
+30351	0 2 0 0 2 0 0 0 0 0							YZ LYR	1	-0.1	+30351
+30352	0 1 0 0 2 0 0 0 0 0										+30352
+30353	0 1 0 0 5 0 0 1 0 0	5.54	M0	III	7237	26266	+31 3453		-2	0.0	+30353
+30354	0 2 0 0 2 0 0 0 0 0	6.21	M2	G	7238	26264	+30 3409		0	0.2	+30354
+30355	0 2 0 0 2 0 0 0 0 0										+30355
+30356	0 2 0 0 4 0 0 1 0 0	9.20	MC				+31 3458		-1	0.1	+30356
+30357	0 3 0 0 3 0 0 0 0 0	6.45	M0	G	7244	26293	+29 3472		-1	0.3	+30357
+30358	0 1 0 0 2 0 0 0 0 0										+30358
+30359	0 2 0 0 2 0 0 0 0 0	8.70	K2			26354	+30 3429		-2	0.0	+30359
+30360	0 3 0 0 2 0 0 0 0 0							V LYR	0	0.2	+30360
+30361	0 1 0 0 2 0 0 0 0 0	8.50	MB				+32 3338		1	0.0	+30361
+30362	0 1 0 0 2 0 0 0 0 0	8.70	MB				+32 3350		0	0.0	+30362
+30363	0 1 0 0 2 0 0 0 0 0	9.20					+32 3361		0	0.0	+30363
+30364	0 1 0 0 3 0 0 0 0 0	5.86	M0	G	7302	26550	+30 3491		0	0.0	+30364
+30365	0 2 0 0 2 0 0 0 0 0										+30365
+30366	0 2 0 0 2 0 0 0 0 0	8.00	MA				+30 3497		-2	0.0	+30366
+30367	0 3 0 0 3 0 0 0 0 0	7.02	K5			26644	+27 3340		1	0.2	+30367
+30368	0 2 0 0 2 0 0 0 0 0	9.00	K2				+27 3354		-5	-1.8	+30368
+30369	0 2 0 0 4 0 0 0 0 0										+30369
+30370	0 2 0 0 3 0 0 0 0 0	3.09	K5	II	7417	26953	+27 3410		3	0.0	+30370
+30371	0 1 0 0 4 0 0 0 0 0	8.20	MB				+31 3643		0	0.4	+30371
+30372	0 1 0 0 2 0 0 0 0 0							EF CYG	0	0.4	+30372
+30373	0 1 0 0 1 0 0 2 0 0	7.21	M0			27042	+25 3877		0	-0.2	+30373
+30374	0 2 0 0 3 0 0 0 0 0										+30374
+30375	0 1 0 0 2 0 0 0 0 0	9.00					+30 3640		-8	-0.3	+30375
+30376	0 1 0 0 2 0 0 0 0 0	6.73	M0			27069	+33 3507		1	-0.1	+30376
+30377	0 1 0 0 1 0 0 2 0 0	9.10	A0				+24 3810		5	2.6	+30377
+30378	0 1 0 0 3 0 0 1 0 0	6.70	K5			27162	+34 3637		-2	-0.2	+30378
+30379	0 3 0 0 5 0 0 0 0 0	9.30	A5				+28 3421		10	-2.1	+30379
+30380	0 2 0 0 3 0 0 0 0 0	4.70	G8	III	7478	27203	+29 3684		0	0.0	+30380
+30381	0 2 0 0 4 0 0 0 0 0							HY CYG	-1	-0.2	+30381
+30382	0 2 0 0 2 0 0 0 0 0	8.00	NB				+32 3522	TT CYG	0	-0.2	+30382
+30383	0 1 0 0 2 0 0 0 0 0	6.94	K2			27257	+30 3697		3	0.7	+30383
+30384	0 1 0 0 2 0 0 0 0 0	9.00	M0				+26 3645		0	-0.6	+30384
+30385	0 1 0 0 3 0 0 0 0 0										+30385
+30386	0 2 0 0 2 0 0 0 0 0	6.43	G4	G	7508	27308	+26 3654		0	-0.1	+30386
+30387	0 2 0 0 2 0 0 0 0 0							YZ VUL	0	0.2	+30387
+30388	0 1 0 0 3 0 0 0 0 0	6.53	M1		7520	27335	+34 3691		-2	0.2	+30388
+30389	0 1 0 0 3 0 0 0 0 0										+30389
+30390	0 1 0 0 4 0 0 0 0 0							EQ CYG	-1	0.7	+30390
+30391	0 1 0 0 3 0 0 0 0 0	8.30	M0				+29 3730		1	-0.6	+30391
+30392	0 1 0 0 3 0 0 0 0 0										+30392
+30393	0 1 0 0 3 0 0 0 0 0							ER CYG	0	-0.1	+30393
+30394	0 1 0 0 2 0 0 0 0 0										+30394
+30395	0 2 0 0 1 0 0 0 0 0	0.31	S7		7564	27481	+32 3593	CHI CYG	-2	0.1	+30395
+30396	0 1 0 0 3 0 0 1 0 0	8.50	M0				+25 4006		0	1.5	+30396
+30397	0 4 0 0 2 0 0 0 0 0							EV CYG	3	0.5	+30397
+30398	0 1 0 0 2 0 0 0 0 0	7.70	MA				+33 3638	V449 CYG	1	0.0	+30398
+30399	0 1 0 0 2 0 0 0 0 0	6.90	K0			27569	+33 3642		-2	0.1	+30399
+30400	0 1 0 0 1 0 0 0 0 0							V468 CYG	-2	0.3	+30400

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+30401	19	54	28	+34	56.9	1	1.75	0.3	1.7	1.60	0.04	0.50	3.10	0.05	1.12		1.50	0.06		4	4	+30401
+30402	19	55	10	+25	35.1	2	2.50	0.3	5.9	2.52	0.06	1.87	6.52	0.08	0.63		4.00	0.10		5	5	+30402
+30403	19	56	22	+25	12.9	2	0.19	0.3	0.6	2.72	0.07	1.22	8.59	0.38	0.06		5.87	0.39		3	2	+30403
+30404	19	56	28	+31	20.9	2	1.00	0.5	2.0	2.65	0.08	0.37	5.94	0.05	6.37		3.29	0.09	I	4	4	+30404
+30405	19	57	21	+30	16.7	2	0.37	0.3	0.4	2.86	0.09	0.28	7.90	-	-	Q	5.04	-		3	3	+30405
+30406	19	59	18	+33	47.4	2	3.19	0.3	0.6	1.33	0.05	1.12	5.02	0.05	1.50		3.69	0.07		3	3	+30406
+30407	19	59	55	+33	22.4	2	1.25	0.3	5.3	2.50	0.08	0.06	6.98	0.12	0.75		4.48	0.14		2	2	+30407
+30408	20	0	31	+30	38.1	2	3.37	0.3	0.2	2.90	0.09	0.37	7.18	0.11	0.25		4.28	0.14		3	2	+30408
+30409	20	1	38	+30	19.9	2	2.44	0.3	4.5	2.01	0.06	0.66	7.28	0.12	10.41		5.27	0.13	I	3	3	+30409
+30410	20	1	56	+29	0.9	2	0.31	0.3	2.5	2.53	0.05	2.19	8.08	0.37	-		5.55	0.37		5	1	+30410
+30411	20	2	9	+29	40.1	1	14.44	0.2	0.9	2.47	0.05	1.75	6.10	0.06	1.87		3.63	0.08		7	3	+30411
+30412	20	3	42	+25	27.5	1	0.25	0.3	1.0	1.65	0.04	0.12	5.23	0.05	0.63		3.58	0.06		4	4	+30412
+30413	20	3	44	+27	59.1	1	0.50	0.3	1.7	2.64	0.06	0.87	5.68	0.07	0.63		3.04	0.09		4	2	+30413
+30414	20	7	38	+28	10.2	1	1.25	0.3	0.5	2.38	0.05	0.12	5.61	0.05	3.00		3.23	0.07		4	4	+30414
+30415	20	8	1	+26	8.5	2	0.37	0.3	0.1	1.73	0.05	0.06	5.51	0.07	2.06		3.78	0.09		2	2	+30415
+30416	20	8	18	+29	11.5	1	3.12	0.3	3.1	3.01	0.06	13.75	8.58	0.25	1.25		5.57	0.26	K	5	5	+30416
+30417	20	8	39	+33	18.5	2	0.19	0.5	3.8	2.10	0.08	0.47	7.60	-	-	Q	5.50	-		3	3	+30417
+30418	20	9	44	+26	40.1	2	1.50	0.3	0.7	2.34	0.07	0.28	4.57	0.06	0.94		2.23	0.09		3	3	+30418
+30419	20	10	31	+33	13.6	2	0.12	0.7	0.1	2.96	0.12	7.25	8.71	0.45	0.81		5.75	0.47	K	2	2	+30419
+30420	20	11	4	+32	5.0	2	12.00	0.5	2.8	2.65	0.07	2.81	6.92	0.11	2.50		4.27	0.13		3	2	+30420
+30421	20	11	8	+25	5.4	2	2.75	0.3	0.5	2.17	0.06	1.00	5.29	0.05	3.12		3.12	0.08		4	4	+30421
+30422	20	13	2	+29	36.6	2	1.25	0.5	0.3	2.86	0.07	2.34	7.80	0.10	0.50		4.94	0.12		5	4	+30422
+30423	20	13	33	+30	55.0	2	2.06	0.3	0.2	2.10	0.05	20.06	6.59	-	-	Q	4.49	-	K	3	3	+30423
+30424	20	13	41	+27	39.4	1	0.75	0.3	1.7	1.37	0.04	0.37	3.43	0.05	1.12		2.06	0.06		4	4	+30424
+30425	20	15	59	+33	55.6	2	0.12	0.3	0.1	0.86	0.06	0.25	4.21	0.08	0.06		3.35	0.10		2	2	+30425
+30426	20	16	35	+34	13.4	2	0.12	0.3	0.1	1.19	0.05	0.06	5.53	0.07	0.06		4.34	0.09		2	2	+30426
+30427	20	16	43	+26	50.3	2	0.56	0.7	0.2	2.28	0.10	0.19	5.07	0.05	2.44		2.79	0.11		3	3	+30427
+30428	20	19	20	+30	42.1	2	1.75	0.3	6.8	2.82	0.07	2.62	5.84	0.05	1.62		3.02	0.09		4	4	+30428
+30429	20	20	35	+31	5.6	2	0.19	0.7	0.2	2.76	0.08	0.28	5.26	0.09	0.19		2.50	0.12		3	3	+30429
+30430	20	21	52	+32	2.0	2	8.00	0.3	0.7	1.38	0.06	0.06	3.34	0.09	-		1.96	0.11		2	1	+30430
+30431	20	22	18	+30	53.3	1	1.56	0.2	0.9	2.38	0.05	2.81	5.75	0.04	0.16		3.37	0.06		5	5	+30431
+30432	20	23	58	+26	4.8	2	0.37	0.3	1.1	1.86	0.07	0.75	5.95	0.07	5.25		4.09	0.10	I	2	2	+30432
+30433	20	25	53	+25	53.8	2	1.87	0.3	0.9	2.71	0.08	0.09	7.62	0.18	0.06		4.91	0.20		3	2	+30433
+30434	20	27	19	+30	11.9	2	0.25	0.3	2.0	2.97	0.07	2.00	3.82	0.05	1.87		0.85	0.09		4	4	+30434
+30435	20	27	38	+33	40.1	2	0.12	0.7	1.1	2.90	0.10	0.06	6.17	0.08	0.06		3.27	0.13		2	2	+30435
+30436	20	29	13	+29	33.3	2	3.12	0.3	2.5	2.78	0.08	0.47	5.76	0.04	1.87		2.98	0.09		5	5	+30436
+30437R	20	29	38	+32	22.6	2	1.12	0.3	1.5	1.24	0.05	0.44	5.00	-	-	Q	3.76	-		2	2	+30437
+30438	20	32	29	+28	6.1	2	0.19	0.7	0.4	2.33	0.08	0.56	6.03	0.06	1.31		3.70	0.10		3	3	+30438
+30439	20	32	49	+34	42.9	2	1.56	0.3	3.4	2.53	0.06	3.75	5.65	0.04	1.87		3.12	0.07		5	5	+30439
+30440	20	33	3	+28	23.9	1	0.75	0.2	3.4	2.14	0.04	6.00	7.10	0.08	29.44		4.96	0.09	I	6	6	+30440
+30441	20	34	16	+34	57.3	1	1.56	0.3	0.9	2.85	0.06	2.97	8.07	0.19	0.50		5.22	0.20		5	4	+30441
+30442	20	35	26	+30	50.8	2	1.00	0.7	0.5	2.94	0.08	2.00	5.93	0.10	0.19		2.99	0.13		4	2	+30442
+30443	20	35	53	+33	36.6	2	0.37	0.5	0.2	2.50	0.09	0.06	5.82	0.07	0.50		3.32	0.11		2	2	+30443
+30444	20	37	0	+30	8.1	2	0.50	0.3	4.5	2.83	0.07	4.87	5.05	0.04	2.00		2.22	0.08		4	4	+30444
+30445	20	40	15	+27	18.0	2	0.12	0.5	0.2	2.27	0.09	0.06	6.61	0.10	4.69		4.34	0.13	I	2	2	+30445
+30446	20	41	15	+27	4.5	2	0.25	0.5	0.2	2.39	0.10	0.06	5.29	0.09	1.87		2.90	0.13		2	2	+30446
+30447	20	41	32	+31	57.0	2	0.50	0.5	3.1	2.90	0.08	0.06	7.26	0.13	0.87		4.36	0.15		2	2	+30447
+30448	20	42	44	+25	6.0	2	2.75	0.3	0.5	2.20	0.05	3.37	4.08	0.06	0.63		1.88	0.08		4	4	+30448
+30449	20	43	32	+32	17.6	2	0.12	0.5	0.1	2.92	0.11	0.69	7.14	0.12	0.44		4.22	0.16		2	2	+30449
+30450	20	43	35	+30	32.0	1	1.12	0.2	0.4	1.78	0.04	6.94	3.40	0.04	0.56		1.62	0.06		6	6	+30450

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM	VAR	DA S	DD M	NO.
+30401	0 1 0 0 2 0 0 1 0 0	3.93	K0	III	7615	27622	+34 3798		1	-0.1	+30401
+30402	0 1 0 0 3 0 0 1 0 0										+30402
+30403	0 1 0 0 1 0 0 1 0 0										+30403
+30404	0 2 0 0 2 0 0 0 0 0	8.40	MA				+31 3864		1	0.4	+30404
+30405	0 1 0 0 2 0 0 0 0 0										+30405
+30406	0 1 0 0 2 0 0 0 0 0	8.60	MC				+33 3690	V485 CYG	-2	0.1	+30406
+30407	0 1 0 0 1 0 0 0 0 0										+30407
+30408	0 1 0 0 2 0 0 0 0 0										+30408
+30409	0 1 0 0 2 0 0 0 0 0	9.40					+30 3866	V719 CYG	0	-0.9	+30409
+30410	0 3 0 0 2 0 0 0 0 0										+30410
+30411	0 4 0 0 3 0 0 0 0 0										+30411
+30412	0 1 0 0 2 0 0 1 0 0	7.90	K5				+25 4097		-2	0.1	+30412
+30413	0 2 0 0 2 0 0 0 0 0	7.70	M0				+27 3612		-1	-0.1	+30413
+30414	0 2 0 0 2 0 0 0 0 0	8.20	M0				+27 3631		1	-0.3	+30414
+30415	0 1 0 0 1 0 0 0 0 0							W VUL	3	0.3	+30415
+30416	0 3 0 0 2 0 0 0 0 0	7.50	B9				+28 3646		-12	-1.4	+30416
+30417	0 1 0 0 2 0 0 0 0 0										+30417
+30418	0 1 0 0 2 0 0 0 0 0	5.44	K3	II	7718	28037	+26 3825		1	0.6	+30418
+30419	0 1 0 0 1 0 0 0 0 0										+30419
+30420	0 2 0 0 1 0 0 0 0 0										+30420
+30421	0 1 0 0 2 0 0 1 0 0	7.50	M3				+24 4045		-2	0.0	+30421
+30422	0 3 0 0 2 0 0 0 0 0										+30422
+30423	0 1 0 0 2 0 0 0 0 0							SX CYG	0	-0.1	+30423
+30424	0 2 0 0 2 0 0 0 0 0	4.52	K3	III	7744	28152	+27 3666		0	-0.2	+30424
+30425	0 1 0 0 1 0 0 0 0 0	7.80	MB				+33 3846		0	-0.4	+30425
+30426	0 1 0 0 1 0 0 0 0 0							AU CYG	-2	-0.5	+30426
+30427	0 2 0 0 1 0 0 0 0 0	6.74	M0			28243	+26 3859		-3	0.2	+30427
+30428	0 2 0 0 2 0 0 0 0 0	7.60	K5				+30 3995		-3	-0.1	+30428
+30429	0 1 0 0 2 0 0 0 0 0	5.99	K2		7797	28347	+30 4005		-2	-0.6	+30429
+30430	0 1 0 0 1 0 0 0 0 0	4.40	K3	III	7806	28378	+31 4062		0	0.3	+30430
+30431	0 2 0 0 3 0 0 0 0 0	8.00					+30 4015		-2	0.0	+30431
+30432	0 1 0 0 1 0 0 0 0 0							AV VUL	4	0.3	+30432
+30433	0 1 0 0 2 0 0 0 0 0							EH VUL	-2	0.1	+30433
+30434	0 2 0 0 2 0 0 0 0 0	4.02	F5	II	7834	28513	+29 4057		-3	-0.2	+30434
+30435	0 1 0 0 1 0 0 0 0 0	8.70					+33 3922		0	0.0	+30435
+30436	0 3 0 0 2 0 0 0 0 0	8.30	M0				+29 4070		-2	-0.2	+30436
+30437R	0 1 0 0 1 0 0 0 0 0	9.10	NP				+32 3850	AD CYG	1	-1.0	+30437
+30438	0 1 0 0 2 0 0 0 0 0							FG VUL	0	-0.1	+30438
+30439	0 1 0 0 3 0 0 1 0 0	8.50					+34 4086		-2	0.0	+30439
+30440	0 3 0 0 3 0 0 0 0 0							SX VUL	-2	0.0	+30440
+30441	0 1 0 0 3 0 0 1 0 0										+30441
+30442	0 2 0 0 2 0 0 0 0 0	8.00	MA				+30 4106		-3	1.1	+30442
+30443	0 1 0 0 1 0 0 0 0 0	8.80	MB				+33 3971		1	0.2	+30443
+30444	0 2 0 0 2 0 0 0 0 0	5.71	K2	III	7904	28764	+29 4121		4	-1.4	+30444
+30445	0 1 0 0 1 0 0 0 0 0							EN VUL	0	-0.1	+30445
+30446	0 1 0 0 1 0 0 0 0 0	7.80	M3				+26 3969		0	0.3	+30446
+30447	0 1 0 0 1 0 0 0 0 0										+30447
+30448	0 2 0 0 1 0 0 1 0 0	4.92	K2	III	7939	28920	+24 4229		1	0.6	+30448
+30449	0 1 0 0 1 0 0 0 0 0							V829 CYG	-3	-0.6	+30449
+30450	0 3 1 0 2 0 0 0 0 0	4.22	K0	III	7942	28942	+30 4167		-1	-0.2	+30450

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+30451	20	44	12	+33	47.0	2	0.25	0.3	0.1	0.12	0.07	0.06	*	-	-		-	-		2	0*	+30451
+30452	20	44	29	+29	58.8	2	4.00	0.3	1.2	2.73	0.06	3.12	6.73	0.07	3.37		4.00	0.09		4	4	+30452
+30453	20	45	13	+34	11.1	2	0.12	0.5	0.4	2.00	0.06	0.06	3.98	0.08	0.25		1.98	0.10		2	2	+30453
+30454	20	46	11	+28	3.9	2	0.75	0.3	0.5	1.23	0.07	0.87	4.79	0.07	0.75		3.56	0.10		2	2	+30454
+30455	20	46	59	+31	40.3	1	2.81	0.3	0.6	1.78	0.04	15.00	6.36	0.06	14.75		4.58	0.07	K,I	5	4	+30455
+30456	20	47	12	+33	2.4	2	0.12	0.5	0.2	2.57	0.10	0.06	7.09	0.13	0.06		4.52	0.16		2	2	+30456
+30457	20	48	12	+33	59.9	2	0.12	0.3	0.7	2.62	0.09	0.44	6.94	0.12	0.06		4.32	0.15		2	2	+30457
+30458	20	49	56	+26	53.8	2	0.37	0.5	0.1	2.97	0.12	0.56	3.92	0.08	3.12		0.95	0.14	I	2	2	+30458
+30459	20	50	21	+26	59.1	2	0.25	0.5	1.0	2.24	0.07	0.06	6.75	0.15	-		4.51	0.17		2	1	+30459
+30460	20	51	12	+25	23.6	1	2.19	0.2	0.6	1.41	0.04	3.59	5.94	0.05	22.66		4.53	0.06	I	5	5	+30460
+30461	20	51	51	+33	14.5	2	0.12	0.3	0.1	1.82	0.06	0.56	4.16	0.08	0.12		2.34	0.10		2	2	+30461
+30462	20	52	26	+27	52.3	2	0.12	0.3	0.1	1.62	0.06	0.06	3.82	0.08	1.87		2.20	0.10		2	2	+30462
+30463	20	52	55	+33	34.1	2	0.63	0.5	1.7	1.86	0.07	2.69	4.93	0.08	0.12		3.07	0.11	K	2	2	+30463
+30464	20	53	0	+30	13.4	1	8.50	0.3	3.8	1.69	0.04	18.88	6.92	0.08	32.00		5.23	0.09	K,I	4	4	+30464
+30465R	20	57	56	+32	18.1	2	4.50	0.3	3.1	2.09	0.07	0.63	4.94	-	-	Q	2.85	-		2	2	+30465
+30466	21	0	11	+34	34.5	2	1.25	0.3	0.5	2.23	0.05	0.87	5.64	0.05	1.12		3.41	0.07		4	4	+30466
+30467	21	0	34	+26	19.5	2	0.19	0.5	2.1	2.84	0.10	0.84	5.72	0.07	1.03		2.88	0.12		3	3	+30467
+30468	21	1	10	+27	7.9	2	0.19	0.3	1.5	2.04	0.06	0.19	5.11	0.06	5.81		3.07	0.08	I	3	3	+30468
+30469	21	2	47	+27	12.1	2	0.75	0.3	0.4	1.70	0.05	1.03	6.84	0.12	0.06		5.14	0.13		3	2	+30469
+30470	21	3	42	+30	1.1	2	7.50	0.3	2.5	2.93	0.07	1.87	6.19	0.06	4.12		3.26	0.09		5	4	+30470
+30471	21	3	52	+29	12.4	2	0.12	0.3	2.5	2.60	0.08	1.87	7.89	0.22	0.19		5.29	0.23		2	2	+30471
+30472	21	10	48	+30	1.4	1	1.56	0.2	1.6	1.07	0.03	5.47	2.48	0.04	1.25		1.41	0.05		5	4*	+30472
+30473	21	32	36	+28	3.6	2	0.12	0.5	0.4	2.60	0.10	0.31	6.01	0.08	1.87		3.41	0.13		2	2	+30473
+30474R	21	34	7	+34	47.1	2	0.50	0.3	3.5	2.62	0.07	0.12	5.91	-	-	Q	3.29	-		4	4	+30474
+30475	21	34	8	+32	17.7	2	2.81	0.3	0.4	2.19	0.06	24.00	6.68	0.09	0.75		4.49	0.11	K	3	2	+30475
+30476	21	34	26	+31	53.1	1	0.94	0.3	2.2	1.93	0.05	0.16	5.38	-	-	Q	3.45	-		5	4	+30476
+30477	21	40	16	+33	50.4	2	3.25	0.5	0.6	2.43	0.09	0.19	5.75	0.14	0.12		3.32	0.17		2	2	+30477
+30478	21	42	24	+25	25.0	2	0.19	0.5	0.2	2.97	0.09	0.56	3.93	0.08	0.56		0.96	0.12		3	3	+30478
+30479	21	45	1	+25	19.7	2	1.12	0.7	0.4	2.75	0.09	4.87	7.16	0.12	1.78		4.41	0.15	K	3	3	+30479
+30480	21	47	33	+34	1.2	2	0.75	0.3	0.1	2.86	0.11	0.44	6.36	0.10	0.06		3.50	0.15		2	2	+30480
+30481	22	1	41	+28	6.5	2	1.50	0.3	0.7	-0.63	0.07	1.87	3.35	0.08	1.81		3.98	0.11		2	2	+30481
+30482	22	2	57	+26	26.4	2	0.87	0.5	0.1	2.77	0.09	0.19	4.89	0.08	0.69		2.12	0.12		2	2	+30482
+30483	22	3	31	+29	40.5	2	0.12	0.7	0.1	2.57	0.12	0.06	5.73	0.07	2.94		3.16	0.14	I	2	2	+30483
+30484	22	3	37	+33	15.7	2	0.56	0.3	1.1	2.87	0.10	2.91	7.81	-	-	Q	4.94	-		3	2	+30484
+30485	22	4	41	+25	5.9	2	4.25	0.3	0.2	2.50	0.07	0.25	3.49	0.05	0.75		0.99	0.09		4	4	+30485
+30486	22	8	0	+32	2.6	2	0.37	0.3	2.4	1.90	0.06	0.94	4.93	-	-	Q	3.03	-		3	3	+30486
+30487	22	10	35	+34	21.5	2	2.50	0.3	2.0	2.77	0.08	0.87	4.53	0.09	1.87		1.76	0.12		4	3	+30487
+30488	22	11	18	+25	10.6	2	0.25	0.3	0.2	2.56	0.06	0.12	6.52	0.07	1.25		3.96	0.09		4	4	+30488
+30489	22	15	29	+26	41.6	2	0.25	0.5	0.2	2.70	0.11	0.69	5.35	0.08	0.56		2.65	0.14		2	2	+30489
+30490	22	18	41	+26	41.8	2	1.62	0.3	0.1	1.29	0.06	1.00	4.28	0.12	1.00		2.99	0.13		2	2	+30490
+30491	22	21	37	+31	0.6	2	6.50	0.3	1.0	0.92	0.04	1.00	4.28	0.09	0.56		3.36	0.10		4	3	+30491
+30492	22	23	16	+30	13.2	2	0.12	0.3	0.1	2.12	0.06	6.25	7.46	0.21	-		5.34	0.22	K	2	1	+30492
+30493	22	25	28	+31	36.1	2	2.06	0.5	1.9	2.62	0.08	0.19	4.96	0.05	2.06		2.34	0.09		3	3	+30493
+30494	22	26	34	+27	34.3	2	1.62	0.8	0.7	2.69	0.11	0.06	6.75	0.11	0.69		4.06	0.16		2	2	+30494
+30495	22	30	4	+30	36.5	2	0.37	0.3	0.1	2.76	0.09	1.62	7.72	0.21	1.44		4.96	0.23		2	2	+30495
+30496	22	38	17	+26	29.0	2	0.94	0.3	0.6	2.64	0.09	0.09	5.86	0.10	0.56		3.22	0.13		3	2	+30496
+30497	22	39	7	+30	42.6	2	0.25	0.3	0.1	2.50	0.08	0.87	5.04	0.06	2.62		2.54	0.10		2	2	+30497
+30498	22	40	35	+27	53.6	2	0.19	0.3	0.2	1.10	0.04	3.47	5.12	0.05	10.12		4.02	0.06	I	3	3	+30498
+30499	22	40	43	+29	57.9	2	0.12	0.3	0.5	0.82	0.05	0.06	*	-	-		-	-		2	0*	+30499
+30500	22	41	52	+29	20.7	2	0.87	0.3	0.1	1.80	0.06	0.06	5.13	0.06	6.56		3.33	0.08	I	2	2	+30500

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	OTHER CATALOGS BS=HR	GC	DM		VAR	DA S	DD M	NO.
+30451	0 1 0 0 1 0 0 0 0 0	2.45	K0	III	7949	28959	+33	4018		0	0.1	+30451
+30452	0 2 1 0 1 0 0 0 0 0											+30452
+30453	0 1 0 0 1 0 0 0 0 0	4.91	K3	III	7956	28981	+33	4028	T CYG	1	-0.2	+30453
+30454	0 1 0 0 1 0 0 0 0 0	7.90	M3				+27	3873		0	0.1	+30454
+30455	0 1 0 0 4 0 0 0 0 0								AM CYG	4	0.6	+30455
+30456	0 1 0 0 1 0 0 0 0 0											+30456
+30457	0 1 0 0 1 0 0 0 0 0											+30457
+30458	0 1 0 0 1 0 0 0 0 0	4.61	G8	III	7995	29112	+26	4017		-4	-0.8	+30458
+30459	0 1 0 0 1 0 0 0 0 0								UW VUL	-3	0.2	+30459
+30460	0 2 0 0 2 0 0 1 0 0											+30460
+30461	0 1 0 0 1 0 0 0 0 0	5.48	K5	G	8005	29159	+32	3980		-2	-0.3	+30461
+30462	0 1 0 0 1 0 0 0 0 0	5.00	K4	III	8008	29178	+27	3911		0	0.3	+30462
+30463	0 1 0 0 1 0 0 0 0 0	7.40	M0			29195	+33	4085		-2	-0.2	+30463
+30464	0 2 1 0 1 0 0 0 0 0								UX CYG	0	0.0	+30464
+30465R	0 1 0 0 1 0 0 0 0 0	7.16	M3			29317	+31	4304		0	0.1	+30465
+30466	0 1 0 0 2 0 0 1 0 0	8.60	MB				+34	4246		-3	-0.2	+30466
+30467	0 2 0 0 1 0 0 0 0 0	7.42	K5			29381	+25	4443		3	0.9	+30467
+30468	0 1 0 0 2 0 0 0 0 0	7.23	K5			29410	+26	4062		0	-0.1	+30468
+30469	0 1 0 0 2 0 0 0 0 0											+30469
+30470	0 3 1 0 1 0 0 0 0 0	8.50	M0				+29	4307		0	0.1	+30470
+30471	0 1 0 0 1 0 0 0 0 0								TW CYG	0	0.0	+30471
+30472	0 2 1 0 2 0 0 0 0 0	3.20	G8	II	8115	29661	+29	4348		-1	0.1	+30472
+30473	0 1 0 0 1 0 0 0 0 0											+30473
+30474R	0 1 0 0 2 0 0 1 0 0	8.30	MA				+34	4467		0	0.2	+30474
+30475	0 1 1 0 1 0 0 0 0 0											+30475
+30476	0 1 1 0 3 0 0 0 0 0	7.80	MA				+31	4504	AB CYG	1	0.5	+30476
+30477	0 1 0 0 1 0 0 0 0 0	8.30	MA				+33	4329		1	0.0	+30477
+30478	0 1 0 0 2 0 0 0 0 0	4.12	F5	IV	8315	30450	+24	4463		1	0.1	+30478
+30479	0 1 0 0 1 1 0 0 0 0								CT PEG	-4	0.6	+30479
+30480	0 1 0 0 1 0 0 0 0 0	8.80					+33	4359		0	0.3	+30480
+30481	0 1 0 0 1 0 0 0 0 0	6.50	M8				+27	4243	TW PEG	-3	0.2	+30481
+30482	0 1 0 0 1 0 0 0 0 0	5.78	K3	G	8415	30887	+25	4671		3	0.6	+30482
+30483	0 1 0 0 1 0 0 0 0 0											+30483
+30484	0 1 0 0 2 0 0 0 0 0								RY PEG	-2	0.1	+30484
+30485	0 1 0 0 2 1 0 0 0 0	.3.76	F5	V	8430	30932	+24	4533		0	-0.1	+30485
+30486	0 1 1 0 1 0 0 0 0 0	7.10	MB				+31	4645		-3	0.1	+30486
+30487	0 2 0 0 2 0 0 0 0 0	5.33	K2	III	8475	31081	+33	4456		0	0.1	+30487
+30488	0 1 0 0 2 1 0 0 0 0											+30488
+30489	0 1 0 0 1 0 0 0 0 0	6.80	K5			31191	+26	4399		0	0.5	+30489
+30490	0 1 0 0 1 0 0 0 0 0	6.33	M4	G	8517	31242	+26	4410		0	0.8	+30490
+30491	0 1 1 0 2 0 0 0 0 0	7.46	M3			31312	+30	4703		-3	0.1	+30491
+30492	0 0 1 0 1 0 0 0 0 0								RV PEG	-4	0.1	+30492
+30493	0 0 1 0 2 0 0 0 0 0	6.02	K2		8555	31381	+31	4701		-2	1.1	+30493
+30494	0 1 0 0 1 0 0 0 0 0											+30494
+30495	0 0 1 0 1 0 0 0 0 0											+30495
+30496	0 2 0 0 1 0 0 0 0 0	8.00	M0				+25	4787		-2	0.4	+30496
+30497	0 0 1 0 1 0 0 0 0 0	6.32	K5		8638	31668	+30	4771		-5	0.4	+30497
+30498	0 2 0 0 1 0 0 0 0 0	8.90	M8				+27	4389	BD PEG	-2	-0.1	+30498
+30499	0 0 1 0 1 0 0 0 0 0	2.96	G8	II	8650	31706	+29	4741		3	0.3	+30499
+30500	0 1 0 0 1 0 0 0 0 0	8.60	M0				+28	4444		0	-0.1	+30500

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+30501	22	44	22	+25	4.4	2	1.25	0.3	1.0	2.04	0.05	0.75	6.20	0.06	0.87		4.16	0.08		4	4	+30501
+30502	22	46	41	+27	5.8	2	0.37	0.3	0.1	0.92	0.05	2.06	4.91	0.07	8.44		3.99	0.09	I	2	2	+30502
+30503	22	59	7	+32	20.9	2	1.50	0.3	0.1	0.80	0.05	2.25	4.37	0.10	0.63		3.57	0.11		2	2	+30503
+30504	23	1	22	+27	48.6	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	+30504
+30505	23	3	4	+28	42.8	2	0.56	0.3	0.4	2.91	0.09	0.75	5.62	0.06	4.41		2.71	0.11		3	3	+30505
+30506	23	4	40	+25	11.7	1	2.06	0.3	0.4	1.72	0.05	0.75	3.70	0.07	0.28		1.98	0.09		3	3	+30506
+30507	23	7	45	+33	30.0	1	2.00	0.3	0.2	-0.07	0.05	1.37	3.41	0.06	0.37		3.48	0.08		4	3	+30507
+30508	23	14	54	+29	35.6	3	0.12	1.5	0.2	2.99	0.15	0.06	5.58	0.08	0.06		2.59	0.17		2	2	+30508
+30509	23	17	22	+26	0.4	2	0.12	0.3	0.1	-0.36	0.06	1.25	3.71	0.10	2.62		4.07	0.12		2	2	+30509
+30510	23	18	22	+30	8.9	2	0.63	0.7	0.1	1.89	0.08	0.06	4.18	0.16	-		2.29	0.18		2	1	+30510
+30511	23	19	58	+25	38.6	2	1.25	0.3	0.2	2.71	0.07	3.37	5.17	0.05	1.87		2.46	0.09		4	4	+30511
+30512	23	31	8	+30	44.8	2	1.25	0.7	0.1	3.00	0.12	0.19	5.75	0.07	1.31		2.75	0.14		2	2	+30512
+30513	23	31	28	+31	3.4	2	0.12	0.7	0.1	1.76	0.07	0.12	3.91	0.09	0.19		2.15	0.11		2	2	+30513
+30514	23	31	35	+29	36.0	2	0.12	0.7	0.4	2.95	0.12	0.06	7.61	0.23	-		4.66	0.26		2	1	+30514
+30515	23	36	53	+32	3.3	2	0.12	0.5	0.1	1.03	0.06	2.12	5.65	0.07	3.19		4.62	0.09	I	2	2	+30515
+30516	23	41	28	+29	5.0	2	0.12	0.5	0.1	2.69	0.10	0.06	4.21	0.09	1.87		1.52	0.13		2	2	+30516
+30517	23	44	22	+28	8.2	2	0.56	0.3	1.3	1.27	0.05	1.12	4.45	0.08	1.25		3.18	0.09		3	2	+30517
+30518	23	44	50	+25	51.1	2	1.25	0.3	0.7	1.39	0.05	0.50	4.87	0.06	0.28		3.48	0.08		4	3	+30518
+30519	23	45	56	+30	14.5	2	1.00	0.5	2.0	2.88	0.11	0.19	6.02	0.07	2.19		3.14	0.13		2	2	+30519
+30520	23	49	10	+29	28.5	2	0.12	0.3	0.4	2.78	0.09	3.00	6.92	0.11	0.19		4.14	0.14	K	2	2	+30520
+30521	23	54	25	+32	3.1	2	0.12	0.7	0.1	2.05	0.08	0.50	5.47	0.07	1.69		3.42	0.11		2	2	+30521
+30522	23	57	34	+25	36.6	2	1.12	0.3	2.6	1.35	0.05	1.69	6.11	0.08	24.00		4.76	0.09	I	3	3	+30522

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	OTHER CATALOGS BS=HR	GC	DM	VAR	DA S	DD M	NO.
+30501	0 1 0 0 2 1 0 0 0 0							EW PEG	-1	-0.3	+30501
+30502	0 1 0 0 1 0 0 0 0 0	9.00	M3				+26 4507	ST PEG	0	0.2	+30502
+30503	0 0 1 0 1 0 0 0 0 0	7.40	MB				+31 4826		-3	0.2	+30503
+30504	0 1 0 0 1 0 0 0 0 0	2.56	M2	II	8775	32135	+27 4480	BET PEG	0	-0.1	+30504
+30505	0 1 0 0 2 0 0 0 0 0	7.41	K5			32171	+28 4518		-2	-0.4	+30505
+30506	0 1 0 0 1 1 0 0 0 0	4.78	K0	II	8796	32201	+24 4716		-1	-0.1	+30506
+30507	0 1 1 0 2 0 0 0 0 0	6.91	M3			32278	+32 4596		0	0.2	+30507
+30508	0 1 0 0 1 0 0 0 0 0	7.70	K5				+29 4895		1	-0.4	+30508
+30509	0 1 0 0 1 0 0 0 0 0							W PEG	-1	0.1	+30509
+30510	0 0 1 0 1 0 0 0 0 0	5.65	M0	G	8882	32507	+29 4908		0	0.4	+30510
+30511	0 1 0 0 2 1 0 0 0 0	6.55	K2			32530	+25 4927		-2	0.0	+30511
+30512	0 0 1 0 1 0 0 0 0 0	8.20	K5				+30 4977		-3	0.4	+30512
+30513	0 0 1 0 1 0 0 0 0 0	4.96	K4	III	8943	32772	+30 4978		-1	0.4	+30513
+30514	0 1 0 0 1 0 0 0 0 0										+30514
+30515	0 0 1 0 1 0 0 0 0 0										+30515
+30516	0 1 0 0 1 0 0 0 0 0	4.94	K0	III	8997	32954	+28 4627		-1	-0.1	+30516
+30517	0 2 0 0 1 0 0 0 0 0	7.45	M0			33007	+27 4619		1	-0.3	+30517
+30518	0 1 0 0 2 1 0 0 0 0	7.50	M3				+25 5005		-2	-0.1	+30518
+30519	0 0 1 0 1 0 0 0 0 0	8.60	M2				+29 5002		-3	-0.5	+30519
+30520	0 1 0 0 1 0 0 0 0 0							DU PEG	-2	-0.5	+30520
+30521	0 0 1 0 1 0 0 0 0 0	8.50	MA				+31 5003		-1	-0.4	+30521
+30522	0 1 0 0 1 1 0 0 0 0							Z PEG	0	0.1	+30522

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+30002	1.88	0.33	5.47	0.09		8988
+30002	1.94	0.33	6.13	0.18		9005
+30002	1.77	0.11	5.84	0.17		9026
+30002	1.81	0.09	5.85	0.10		9359
+30006	0.48	0.07	4.01	0.14		9064
+30006	0.45	0.06	-	-		9064
+30006	0.71	0.07	4.30	0.12		9358
+30009	2.81	0.19	6.38	0.19		9005
+30009	3.32	0.18	7.90	0.33		9359
+30011	1.95	0.11	5.36	0.09		8988
+30011	2.13	0.12	5.58	0.17		9026
+30011	2.16	0.08	5.69	0.09		9359
+30011	1.98	0.09	5.75	0.09		9362
+30011	1.87	0.11	5.46	0.09		9476
+30012	1.98	0.11	5.11	0.17		9005
+30012	2.12	0.33	-	-		9005
+30012	2.03	0.08	5.62	0.09		9359
+30012	2.14	0.12	6.39	0.12		9422
+30015	2.22	0.09	8.17	0.45		9064
+30015	1.68	0.08	7.53	0.22		9358
+30044	0.62	0.09	3.39	0.09		9072
+30044	1.22	0.08	5.59	0.09		9500
+30046	1.38	0.06	5.10	0.09		9064
+30046	1.40	0.08	5.36	0.09		9476
+30064	2.36	0.13	6.88	0.15		9072
+30064	2.19	0.10	6.29	0.11		9500
+30072	2.91	0.17	8.20	0.20		9072
+30072	2.84	0.15	7.23	0.24		9500
+30079	1.89	0.08	6.07	0.10		9072
+30079	1.77	0.08	6.52	0.13		9500
+30087	1.26	0.08	6.11	0.18		9026
+30087	1.38	0.09	6.49	0.14		9148
+30087	1.60	0.08	6.77	0.16		9494
+30087	1.55	0.33	7.11	0.21		9494
+30089	1.60	0.13	6.17	0.13		9026
+30089	1.65	0.33	7.12	0.33		9476
+30089	1.84	0.33	6.69	0.33		9476
+30090	1.18	0.07	6.91	0.22		9026
+30090	1.69	0.09	7.71	0.33		9148
+30090	1.22	0.09	7.04	0.19		9476
+30090	1.28	0.07	7.33	0.24		9494

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+30099	2.40	0.10	7.02	0.18		9026
+30099	2.40	0.13	7.27	0.23		9148
+30099	2.39	0.11	7.65	0.30		9476
+30099	2.60	0.34	8.18	0.46		9494
+30099	2.30	0.33	7.78	0.34		9494
+30110	2.25	0.09	6.36	0.13		9064
+30110	1.96	0.09	6.26	0.11		9500
+30114	1.66	0.10	8.22	0.28		9072
+30114	2.13	0.10	10.57	-	Q	9500
+30123	2.33	0.13	8.07	0.43		9148
+30123	2.35	0.11	6.89	0.17		9476
+30123	2.35	0.11	7.01	0.19		9494
+30125	0.86	0.08	5.53	0.08		9148
+30125	0.87	0.10	5.18	0.09		9494
+30125	0.90	0.07	5.19	0.09		9494
+30136	2.61	0.15	7.92	0.38		9148
+30136	1.93	0.10	7.12	0.21		9476
+30136	1.96	0.08	7.38	0.25		9494
+30136	2.13	0.12	8.09	0.33		9552
+30141	1.04	0.05	5.54	0.08		9064
+30141	1.26	0.07	5.88	0.09		9476
+30141	1.09	0.17	5.85	0.09		9500
+30148	0.35	0.07	4.86	0.14		8793
+30148	0.25	0.07	4.39	0.11		9072
+30148	0.05	0.07	4.21	0.10		9500
+30150	3.04	0.20	6.71	0.17		9151
+30150	2.84	0.13	6.67	0.14		9422
+30150	3.07	0.19	7.39	0.33		9497
+30154	2.50	0.17	6.72	0.20		8803
+30154	4.13	0.58	8.63	-	Q	9064
+30154	3.07	0.17	7.38	-	Q	9476
+30154	2.75	0.34	6.23	0.10		9500
+30154	2.65	0.13	6.32	0.10		9500
+30155	2.76	0.17	5.93	0.10		8803
+30155	2.81	0.16	6.27	0.11		9064
+30155	2.63	0.11	6.27	0.11		9476
+30166	1.46	0.10	-	-		8803
+30166	1.49	0.08	5.12	0.08		8803
+30166	2.06	0.09	6.26	0.11		9476
+30184	2.33	0.10	7.73	0.26		9072
+30184	2.23	0.10	6.93	-	Q	9154
+30184	2.03	0.08	7.01	0.28		9500

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+30187	2.33	0.14	9.01	-	Q	8803
+30187	3.06	0.16	7.51	0.28		9476
+30195	2.87	0.22	8.07	0.48		8803
+30195	2.36	0.10	8.10	0.43		9476
+30195	2.54	0.13	8.19	0.45		9476
+30208	1.61	0.09	5.79	0.10		9141
+30208	1.42	0.09	5.67	0.10		9151
+30208	1.64	0.10	6.19	0.14		9497
+30208	1.58	0.09	5.78	0.10		9524
+30208	1.35	0.22	4.84	-	Q	9552
+30208	1.37	0.19	4.85	0.08		9552
+30215	-0.71	0.07	4.09	0.10		8867
+30215	-0.89	0.06	3.00	0.08		9154
+30215	-0.78	0.06	3.84	0.11		9214
+30215	-0.39	0.07	3.36	0.08		9471
+30215	-0.41	0.07	3.28	0.24		9472
+30215	-0.74	0.07	2.87	0.07		9500
+30219	0.50	0.06	8.69	0.74		8803
+30219	1.55	0.07	9.41	-	Q	9213
+30219	0.66	0.06	9.29	-	Q	9476
+30220	1.50	0.08	5.42	0.09		8870
+30220	1.41	0.08	5.08	0.08		9141
+30220	1.39	0.09	5.16	0.09		9151
+30220	1.41	0.07	5.12	0.09		9227
+30220	1.52	0.09	5.14	0.09		9497
+30220	1.46	0.08	5.31	0.09		9524
+30220	1.48	0.08	5.47	0.09		9552
+30239	2.05	0.12	6.40	0.14		8803
+30239	2.22	0.34	-	-		8899
+30239	2.08	0.08	5.98	0.09		9206
+30239	2.11	0.08	5.92	0.08		9526
+30239	1.90	0.08	6.02	0.09		9626
+30253	1.98	0.08	6.10	0.10		8869
+30253	2.14	0.10	6.34	0.14		9227
+30253	2.04	0.08	6.46	0.12		9628
+30257	*	-	2.77	0.09		8885
+30257	-1.83	0.07	2.62	0.09		9227
+30257	-1.88	0.08	2.86	0.08		9590
+30257	*	-	2.71	0.07		9628
+30260	2.47	0.33	6.14	0.10		8869
+30260	2.64	0.34	5.87	0.11		8885
+30260	2.03	0.11	5.65	0.10		9227
+30260	1.72	0.09	4.74	0.08		9628

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+30272	-0.21	0.06	3.59	0.08		8899
+30272	0.00	0.10	3.02	0.08		9206
+30272	-0.05	0.32	-	-		9213
+30272	-0.28	0.10	3.90	0.11		9287
+30272	-0.24	0.08	3.74	0.08		9626
+30272	-0.25	0.07	3.75	0.08		9626
+30277	2.37	0.11	5.84	0.08		8899
+30277	2.38	0.09	6.10	0.10		9206
+30277	2.28	0.10	6.20	0.10		9287
+30277	2.33	0.08	-	-		9287
+30283	0.73	0.08	6.69	0.17		8885
+30283	-0.13	0.09	5.15	0.09		9228
+30283	-0.04	0.06	5.15	0.09		9228
+30283	0.33	0.09	6.22	0.11		9296
+30283	0.53	0.08	4.48	0.14		9590
+30284	2.51	0.11	7.30	0.27		8885
+30284	2.21	0.11	6.80	0.19		9228
+30284	2.35	0.11	7.83	0.28		9296
+30284	2.46	0.10	6.57	0.14		9590
+30290	1.44	0.07	5.27	0.07		8899
+30290	1.34	0.07	5.27	0.08		9213
+30290	1.42	0.07	5.51	0.08		9626
+30292	3.76	0.28	9.37	-	Q	8932
+30292	3.30	0.22	9.60	-	Q	9214
+30292	3.38	0.37	-	-		9325
+30292	2.45	0.10	9.30	-	Q	9625
+30302	1.34	0.16	5.20	0.08		8869
+30302	1.26	0.07	5.37	0.09		9294
+30302	1.28	0.08	5.64	0.09		9628
+30306	2.72	0.13	6.00	0.12		8885
+30306	2.62	0.10	6.02	0.10		8944
+30306	2.55	0.45	-	-		9228
+30306	2.79	0.16	6.35	0.11		9294
+30306	2.45	0.12	6.25	0.11		9307
+30306	2.67	0.13	6.38	0.12		9329
+30306	2.63	0.14	6.29	0.11		9628
+30306	2.66	0.12	5.99	0.10		9665
+30334	0.67	0.09	5.17	0.08		8899
+30334	0.73	0.06	5.66	0.09		9287
+30334	0.60	0.33	5.62	0.09		9291
+30334	0.85	0.07	5.49	0.09		9358
+30334	0.73	0.09	5.25	0.09		9626

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+30335	2.41	0.10	5.31	0.09		8899
+30335	2.24	0.12	5.48	0.09		9291
+30335	2.42	0.33	5.91	0.20		9362
+30335	2.36	0.10	5.51	0.09		9626
+30339	1.80	0.07	6.20	-	Q	8931
+30339	1.83	0.09	6.20	0.10		8931
+30339	1.79	0.09	6.44	0.12		8988
+30339	1.58	0.08	6.00	0.10		9291
+30339	1.54	0.09	6.06	0.10		9294
+30339	1.63	0.09	5.81	0.10		9359
+30339	1.63	0.07	5.91	0.10		9362
+30339	1.66	0.11	5.96	0.10		9628
+30340	0.68	0.12	-	-		8931
+30340	0.79	0.06	5.15	0.08		8931
+30340	0.70	0.08	4.99	0.08		8988
+30340	0.59	0.08	5.09	0.08		9291
+30340	0.76	0.33	5.25	0.09		9294
+30340	0.61	0.19	5.13	0.44		9359
+30340	0.71	0.07	5.24	0.08		9362
+30340	0.40	0.34	5.39	0.09		9628
+30347	2.48	0.11	7.79	0.27		8899
+30347	2.65	0.12	8.00	0.36		8946
+30347	2.18	0.12	7.42	0.23		9291
+30347	2.66	0.14	8.55	0.48		9362
+30360	1.94	0.16	6.04	0.15		8931
+30360	2.32	0.13	7.50	0.23		8988
+30360	2.49	0.14	-	-		8988
+30360	2.28	0.12	6.81	0.16		9291
+30360	2.49	0.12	7.99	0.32		9362
+30374	2.50	0.13	7.62	0.22		8931
+30374	2.20	0.10	7.64	0.26		8988
+30374	3.27	0.18	8.00	0.33		9294
+30374	3.35	0.23	8.01	0.34		9294
+30374	2.99	0.14	7.89	0.33		9359
+30379	0.89	0.06	5.06	0.08		8931
+30379	0.92	0.08	5.81	0.10		8988
+30379	1.15	0.33	5.89	0.10		8995
+30379	1.04	0.20	6.08	0.11		9291
+30379	0.97	0.17	6.37	0.45		9294
+30379	1.07	0.08	6.18	0.11		9294
+30379	1.22	0.06	6.07	0.11		9359
+30379	1.25	0.10	6.09	0.10		9362
+30387	2.65	0.10	6.81	0.14		8931
+30387	3.06	0.16	7.34	0.21		8988
+30387	2.45	0.12	6.93	0.16		9294
+30387	3.01	0.18	7.62	0.27		9359

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+30396	2.90	0.16	6.36	0.11		8944
+30396	3.14	0.19	6.55	0.13		9294
+30396	2.76	0.35	6.10	0.11		9307
+30396	3.02	0.18	6.18	0.11		9359
+30396	2.79	0.34	6.06	-	Q	9665
+30397	3.05	0.18	-	-		8931
+30397	3.14	0.17	7.68	0.23		8931
+30397	3.10	0.17	6.95	0.16		8988
+30397	2.92	0.17	6.82	0.14		8995
+30397	2.34	0.12	6.41	0.12		9291
+30397	2.44	0.10	7.18	0.17		9362
+30400	2.40	0.11	8.50	-	Q	8946
+30400	1.72	0.08	7.38	0.21		9358
+30404	2.60	0.12	5.82	0.09		8946
+30404	2.62	0.33	5.92	0.09		8946
+30404	2.66	0.15	5.83	0.10		9291
+30404	2.71	0.14	6.14	0.10		9362
+30409	1.96	0.08	6.82	0.13		8946
+30409	2.07	0.11	7.53	0.25		9291
+30409	2.05	0.11	7.63	0.24		9362
+30416	2.99	0.12	8.17	0.34		8931
+30416	3.27	0.18	8.62	0.55		8988
+30416	3.30	0.16	8.94	0.64		8995
+30416	2.82	0.14	8.49	0.52		9291
+30416	2.69	0.10	8.91	0.61		9362
+30419	2.70	0.12	8.23	0.45		8932
+30419	3.42	0.25	9.22	0.79		9358
+30423	2.29	0.08	6.72	-	Q	8946
+30423	1.71	0.08	6.33	-	Q	9291
+30423	2.07	0.09	6.65	-	Q	9362
+30432	1.80	0.09	5.77	0.09		8944
+30432	1.92	0.09	6.12	0.11		9359
+30440	2.11	0.10	6.82	0.14		8931
+30440	2.14	0.10	7.74	0.28		8988
+30440	2.30	0.12	7.79	0.28		8995
+30440	2.27	0.10	6.64	0.13		9294
+30440	2.01	0.08	6.95	0.16		9359
+30440	2.06	0.10	6.83	0.14		9362
+30445	2.26	0.13	6.37	0.12		8988
+30445	2.28	0.11	6.83	0.16		9359

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+30455	1.88	0.07	6.19	0.10		8946
+30455	2.06	0.12	6.78	0.15		9291
+30455	1.68	0.07	-	-		9358
+30455	1.70	0.09	6.18	0.11		9358
+30455	1.57	0.08	6.25	0.11		9362
+30458	2.86	0.16	3.77	0.10		8988
+30458	3.05	0.16	4.08	0.13		9359
+30460	1.49	0.06	6.27	0.10		8944
+30460	1.33	0.07	5.68	0.17		9005
+30460	1.33	0.09	5.83	0.10		9307
+30460	1.45	0.08	5.78	0.10		9359
+30460	1.38	0.08	5.68	0.09		9665
+30463	1.73	0.09	4.84	0.24		8932
+30463	1.97	0.10	4.94	0.08		9358
+30464	1.42	0.06	6.83	0.13		8946
+30464	1.68	0.08	7.17	0.17		8995
+30464	1.86	0.08	7.64	0.30		9064
+30464	1.75	0.06	6.03	0.10		9362
+30468	2.01	0.09	4.92	0.08		8988
+30468	2.06	0.11	5.20	0.11		9359
+30468	2.06	0.09	5.21	0.09		9359
+30475	2.38	0.10	6.62	0.10		8946
+30475	1.55	0.09	6.28	-	Q	9064
+30475	2.28	0.11	6.78	0.14		9358
+30479	2.47	0.14	6.99	0.22		9005
+30479	2.70	0.15	7.05	0.17		9307
+30479	2.98	0.16	7.39	0.22		9422
+30483	2.57	0.16	5.59	0.09		8988
+30483	2.57	0.16	5.83	0.09		9362
+30492	2.30	0.10	8.46	-	Q	9064
+30492	1.98	0.07	7.46	0.21		9362
+30498	1.05	0.09	5.02	0.08		8988
+30498	1.00	0.07	4.95	0.08		8988
+30498	1.18	0.06	5.33	0.09		9359
+30500	1.79	0.09	4.94	0.08		8988
+30500	1.80	0.07	5.26	0.08		9362
+30502	0.81	0.08	4.43	0.13		8988
+30502	0.97	0.06	4.99	0.08		9359
+30515	0.93	0.08	5.50	0.09		9064
+30515	1.12	0.09	5.75	0.09		9358
+30520	3.02	0.18	6.86	0.16		8988
+30520	2.66	0.10	6.96	0.15		9362
+30522	1.42	0.08	6.73	0.20		9005
+30522	1.36	0.07	6.15	0.11		9359
+30522	1.26	0.08	5.03	0.08		9422

NO.	K MAG	K ER	I MAG	I ER	DAY 243

NO.	REMARKS
+30001	MORE THAN ONE STAR, UNRESOLVED
+30015	CIT NO. 2 (ULRICH ET.AL. 1966)
+30083	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+30104	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+30124	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+30139	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+30181	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+30206	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+30219	CIT NO. 6 (ULRICH ET.AL. 1966)
+30222	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+30270	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+30283	CIT NO. 8 (ULRICH ET.AL. 1966)
+30304	2 UNRESOLVED STARS PRUBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+30343	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+30437	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+30465	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+30474	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)

Declination Zone
+35 to +45 degrees

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+40001	0	1	44	+39	50.5	2	0.19	0.3	0.2	2.60	0.08	1.41	6.49	0.08	6.94		3.89	0.11	I	3	3	+40001
+40002	0	1	56	+41	50.8	2	0.75	0.3	0.2	1.41	0.06	0.75	5.11	0.06	7.94		3.70	0.08	I	4	2	+40002
+40003	0	2	1	+43	16.5	2	7.00	0.3	0.2	2.33	0.08	0.75	5.95	-	-	Q	3.62	-		4	3	+40003
+40004R	0	4	17	+42	47.9	2	0.12	0.3	0.2	2.52	0.09	1.00	9.11	0.73	-		6.59	0.74		2	1	+40004
+40005	0	9	41	+43	32.4	2	2.50	0.3	1.2	2.23	0.06	2.50	5.41	0.05	4.00		3.18	0.08		4	4	+40005
+40006	0	17	14	+44	25.9	1	3.75	0.3	3.2	0.91	0.04	0.09	5.05	0.05	12.84		4.14	0.06	I	3	3	+40006
+40007	0	19	25	+43	52.0	2	2.06	0.3	3.9	2.82	0.09	0.37	7.33	0.11	0.84		4.51	0.14		3	3	+40007
+40008	0	20	18	+38	28.6	1	1.50	0.3	1.5	1.78	0.05	0.63	4.62	0.06	0.63		2.84	0.08		4	4	+40008
+40009	0	21	23	+38	18.0	2	2.44	0.3	1.3	0.34	0.06	24.00	4.28	0.09	24.00		3.94	0.11	K,I	3	3	+40009
+40010	0	24	53	+35	19.2	2	1.50	0.5	0.9	1.64	0.06	2.72	5.81	0.07	4.50		4.17	0.09	I	3	2	+40010
+40011	0	33	58	+44	12.5	1	0.94	0.3	0.9	1.20	0.05	1.31	3.64	0.06	0.47		2.44	0.08		3	3	+40011
+40012	0	36	53	+37	56.6	2	0.12	0.3	0.1	2.33	0.07	0.06	5.95	0.07	0.81		3.62	0.10		2	2	+40012
+40013R	0	39	59	+41	0.4	1	2.25	0.3	0.2	2.82	0.10	0.63	5.20	0.06	4.12		2.38	0.12		4	3	+40013
+40014R	0	41	54	+40	24.9	2	1.50	0.3	1.0	2.74	0.07	0.87	5.52	-	-	Q	2.78	-		4	4	+40014
+40015	0	49	53	+44	51.6	2	11.25	0.3	0.3	2.37	0.08	0.63	5.39	0.06	1.41		3.02	0.10		5	3	+40015
+40016	0	56	34	+42	35.0	2	0.37	0.3	2.1	2.63	0.08	0.47	5.89	0.07	2.91		3.26	0.11		3	3	+40016
+40017	0	56	40	+39	20.9	1	1.50	0.3	1.1	1.83	0.06	0.56	5.51	0.07	1.69		3.68	0.09		3	3	+40017
+40018	1	1	14	+38	24.9	2	0.12	0.3	0.2	2.18	0.08	0.06	5.10	0.06	0.06		2.92	0.10		2	2	+40018
+40019	1	6	53	+35	21.0	2	-	0.5	-	-1.93	0.06	-	*	-	-		-	-		1*	0*	+40019
+40020	1	14	11	+44	38.5	2	0.94	0.3	0.2	2.15	0.07	0.19	4.72	0.07	0.09		2.57	0.10		3	3	+40020
+40021	1	14	46	+44	22.2	2	0.56	0.5	0.6	2.97	0.10	0.66	5.47	0.09	0.06		2.50	0.13		3	2	+40021
+40022	1	31	3	+35	21.0	2	1.25	0.3	0.1	1.87	0.07	0.31	4.93	0.08	0.31		3.06	0.11		2	2	+40022
+40023	1	32	13	+37	55.8	2	0.37	0.3	0.6	2.40	0.08	1.19	6.47	0.09	1.81		4.07	0.12		2	2	+40023
+40024	1	33	51	+41	8.7	2	0.37	0.5	1.9	2.86	0.08	0.28	3.83	0.07	0.66		0.97	0.11		3	3	+40024
+40025	1	36	22	+44	8.4	2	1.00	0.3	1.2	2.89	0.09	2.50	4.46	0.09	0.19		1.57	0.13		4	3	+40025
+40026	1	39	12	+39	7.6	1	3.19	0.3	0.4	2.76	0.08	0.94	5.46	-	-	Q	2.70	-		3	3	+40026
+40027	1	47	58	+42	28.4	2	0.63	0.3	0.2	2.50	0.08	1.00	6.70	0.12	0.06		4.20	0.14		2	2	+40027
+40028	1	48	10	+37	46.3	2	1.50	0.3	2.3	1.91	0.06	1.50	5.13	0.15	-		3.22	0.16		4	1	+40028
+40029	1	48	40	+39	1.1	2	2.81	0.7	0.9	2.53	0.09	0.09	6.12	0.37	-		3.59	0.38		3	1	+40029
+40030	1	48	41	+38	53.9	2	2.62	0.5	1.3	2.12	0.06	4.50	6.14	-	-	Q	4.02	-		3	3	+40030
+40031	1	50	17	+40	29.4	2	0.75	0.3	0.2	2.50	0.07	1.62	4.54	0.05	0.25		2.04	0.09		4	4	+40031
+40032	1	51	24	+36	53.1	2	1.00	0.3	2.5	2.71	0.08	1.12	6.65	-	-	Q	3.94	-		4	4	+40032
+40033R	1	53	1	+37	1.6	2	0.56	0.5	1.1	2.00	0.08	0.28	4.49	-	-	Q	2.49	-		3	3	+40033
+40034	2	0	49	+42	5.4	1	1.12	0.3	1.5	-0.92	0.04	0.09	*	-	-		-	-		3	0*	+40034
+40035	2	2	52	+40	29.4	2	0.50	0.3	2.5	2.90	0.08	18.00	7.56	-	-	Q	4.66	-	K	4	4	+40035
+40036	2	10	4	+44	0.0	2	0.12	0.3	0.1	1.29	0.06	0.12	3.59	0.09	0.06		2.30	0.11		2	2	+40036
+40037	2	14	21	+44	4.3	2	1.25	0.5	0.2	0.88	0.07	0.06	6.48	0.12	0.06		5.60	0.14		2	2	+40037
+40038	2	15	44	+36	51.6	2	1.12	0.3	2.0	2.49	0.09	0.06	6.24	0.08	0.06		3.75	0.12		2	2	+40038
+40039	2	22	47	+36	47.5	2	0.12	0.7	0.6	2.81	0.12	0.56	5.72	0.07	1.50		2.91	0.14		2	2	+40039
+40040	2	22	50	+37	53.4	1	0.50	0.3	1.0	2.03	0.05	0.87	6.60	0.08	4.22		4.57	0.09		4	3	+40040
+40041	2	24	11	+36	44.1	2	0.25	0.3	3.8	1.82	0.07	0.50	5.12	0.09	-		3.30	0.11		2	1	+40041
+40042	2	27	16	+37	58.3	2	1.31	0.3	0.7	2.47	0.07	0.09	6.50	0.08	2.53		4.03	0.11		3	3	+40042
+40043	2	29	1	+35	55.6	2	0.19	0.3	4.9	1.66	0.05	1.78	3.92	0.06	0.84		2.26	0.08		3	3	+40043
+40044	2	30	24	+41	34.4	2	0.56	1.0	0.2	2.84	0.13	0.09	7.30	0.13	0.66		4.46	0.18		3	3	+40044
+40045	2	32	31	+37	5.3	2	0.12	0.5	0.1	2.55	0.10	0.06	4.76	0.07	0.06		2.21	0.12		2	2	+40045
+40046	2	34	7	+38	45.8	2	0.50	0.5	0.7	2.77	0.10	0.50	6.04	-	-	Q	3.27	-		4	3	+40046
+40047	2	36	51	+39	37.3	1	0.63	0.2	2.8	1.84	0.04	3.91	5.21	0.04	9.84		3.37	0.06	I	5	5	+40047
+40048	2	38	35	+44	47.3	3	-	0.7	-	2.83	0.16	-	5.85	0.10	-		3.02	0.19		1	1	+40048
+40049	2	40	44	+36	2.8	2	2.06	0.5	1.3	2.90	0.10	0.66	8.32	0.27	0.09		5.42	0.29		3	3	+40049
+40050	2	54	52	+38	24.7	2	1.12	0.5	0.2	2.83	0.08	0.09	5.10	0.05	0.84		2.27	0.09		3	3	+40050

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+40001	0 0 2 0 1 0 0 0 0 0								SV AND	-2	0.6	+40001
+40002	0 0 3 0 1 0 0 0 0 0	6.00	A2		9105	38	+41	4933		-6	2.0	+40002
+40003	0 0 1 0 2 1 0 0 0 0	9.00					+42	4825	SU AND	7	-0.4	+40003
+40004R	0 0 1 0 1 0 0 0 0 0											+40004
+40005	0 0 1 0 2 1 0 0 0 0	8.20	MB				+43	18		2	0.0	+40005
+40006	0 0 1 0 1 1 0 0 0 0								VX AND	-1	-0.1	+40006
+40007	0 0 1 0 1 1 0 0 0 0											+40007
+40008	0 1 2 0 1 0 0 0 0 0	6.95	MO			453	+37	54		-1	0.0	+40008
+40009	0 1 1 0 1 0 0 0 0 0	7.39	S6		90	472	+37	58	R AND	0	0.0	+40009
+40010	0 0 1 0 2 0 0 0 0 0								AQ AND	0	0.5	+40010
+40011	0 0 1 0 1 1 0 0 0 0	5.29	K5	III	152	726	+43	113		-5	-0.3	+40011
+40012	0 0 1 0 1 0 0 0 0 0											+40012
+40013R	0 0 3 0 0 1 0 0 0 0											+40013
+40014R	0 0 2 0 1 1 0 0 0 0	7.46	MO			880	+39	167		1	0.5	+40014
+40015	0 0 2 0 1 2 0 0 0 0	7.60	MA				+44	185		3	-0.1	+40015
+40016	0 0 2 0 0 1 0 0 0 0	8.40					+42	212		0	0.0	+40016
+40017	0 0 2 0 1 0 0 0 0 0	8.80					+38	160		0	-0.2	+40017
+40018	0 0 1 0 1 0 0 0 0 0	7.34	MO			1283	+37	199		-2	-0.4	+40018
+40019	0 0 1 0 1 0 0 0 0 0	2.03	MO	III	337	1400	+34	198		-2	-0.4	+40019
+40020	0 0 2 0 0 1 0 0 0 0	6.33	K5		372	1539	+44	271		1	0.1	+40020
+40021	0 0 2 0 0 1 0 0 0 0	7.25	K5			1550	+43	262		-1	0.1	+40021
+40022	0 0 1 0 1 0 0 0 0 0	7.27	MO			1886	+34	270		1	-0.1	+40022
+40023	0 0 1 0 1 0 0 0 0 0											+40023
+40024	0 0 2 0 0 1 0 0 0 0	4.08	F8	V	458	1948	+40	332		0	-0.6	+40024
+40025	0 0 2 0 0 2 0 0 0 0	4.99	G8	III	469	1991	+43	343		1	0.4	+40025
+40026	0 0 2 0 1 0 0 0 0 0	7.90	MA				+38	326		1	-2.0	+40026
+40027	0 0 1 0 0 1 0 0 0 0											+40027
+40028	0 0 1 0 3 0 0 0 0 0	7.52	M3			2227	+37	387		-2	-0.4	+40028
+40029	0 0 2 0 1 0 0 0 0 0											+40029
+40030	0 0 2 0 1 0 0 0 0 0	8.70					+38	366		-3	0.2	+40030
+40031	0 0 2 0 1 1 0 0 0 0	5.48	K1	G	543	2274	+40	394		0	0.3	+40031
+40032	0 0 2 0 2 0 0 0 0 0											+40032
+40033R	0 0 1 0 2 0 0 0 0 0	5.98	MO	G	556	2322	+36	354		4	-0.4	+40033
+40034	0 0 2 0 0 1 0 0 0 0	2.10	K3	II	603	2477	+41	395		0	-0.1	+40034
+40035	0 0 2 0 1 1 0 0 0 0								AH AND	0	0.1	+40035
+40036	0 0 1 0 0 1 0 0 0 0	4.84	K4	III	643	2645	+43	447		-1	0.1	+40036
+40037	0 0 1 0 0 1 0 0 0 0								W AND	-2	-0.2	+40037
+40038	0 0 1 0 1 0 0 0 0 0	7.70	K2				+36	458		10	1.4	+40038
+40039	0 0 1 0 1 0 0 0 0 0	6.60	MA				+36	482		0	0.2	+40039
+40040	0 0 1 0 2 1 0 0 0 0											+40040
+40041	0 0 1 0 1 0 0 0 0 0	7.20	MB				+36	491		-1	-0.5	+40041
+40042	0 0 1 0 1 1 0 0 0 0											+40042
+40043	0 0 1 0 1 1 0 0 0 0	5.23	K5	III	736	3032	+35	497		-2	0.0	+40043
+40044	0 0 2 0 0 1 0 0 0 0											+40044
+40045	0 0 1 0 1 0 0 0 0 0	5.75	K4	G	748	3100	+36	519		-3	-0.4	+40045
+40046	0 0 1 0 1 2 0 0 0 0											+40046
+40047	0 0 2 0 1 2 0 0 0 0	8.10	MB				+39	596		-2	0.0	+40047
+40048	0 0 0 0 0 1 0 0 0 0	8.00	K5				+44	560		-2	-0.1	+40048
+40049	0 0 1 0 1 1 0 0 0 0								TV PER	0	0.4	+40049
+40050	0 0 1 0 1 1 0 0 0 0	5.92	K3	G	876	3556	+38	599		0	-0.2	+40050

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCFSS	NK	NI	NO.
+40051	2	56	26	+40	50.1	1	2.62	0.3	2.2	2.37	0.05	0.87	4.85	0.03	13.56		2.48	0.06	I	7	7	+40051
+40052	2	56	50	+43	56.6	2	0.50	0.3	0.1	1.41	0.06	0.06	5.56	0.08	0.06		4.15	0.10		2	2	+40052
+40053	3	1	18	+35	40.8	2	3.25	0.3	0.4	1.85	0.07	0.50	6.26	0.08	0.87		4.41	0.11		2	2	+40053
+40054	3	1	56	+38	39.3	2	0.12	0.3	0.5	-2.02	0.06	2.50	*	-	-		-	-		2*	0*	+40054
+40055	3	4	54	+40	46.0	1	1.75	0.2	0.9	2.10	0.04	15.09	2.98	0.08	-		0.88	0.09	K	7	1*	+40055
+40056	3	5	40	+36	50.5	2	1.25	0.5	1.4	2.83	0.11	0.06	5.89	0.10	0.19		3.06	0.15		2	2	+40056
+40057	3	6	8	+44	40.0	2	0.25	0.3	0.1	1.57	0.07	0.06	3.09	0.08	0.25		1.52	0.11		2	2	+40057
+40058	3	8	4	+39	25.1	1	1.50	0.3	3.4	2.10	0.04	1.50	3.88	0.06	1.72		1.78	0.07		6	5	+40058
+40059	3	8	13	+37	52.5	2	4.25	0.3	1.2	1.59	0.06	0.87	4.87	0.06	2.16		3.28	0.08		4	3	+40059
+40060	3	14	25	+39	22.6	1	0.94	0.3	4.1	2.23	0.05	1.56	6.10	0.06	7.19		3.87	0.08		5	5	+40060
+40061R	3	24	52	+44	12.7	2	0.12	0.3	1.5	2.49	0.08	0.06	5.15	-	-	Q	2.66	-		2	2	+40061
+40062	3	27	13	+39	29.0	1	3.37	0.2	3.4	1.94	0.04	17.63	6.36	0.06	9.22		4.42	0.07	K,I	6	5	+40062
+40063	3	29	28	+43	35.0	1	0.94	0.3	3.4	2.53	0.07	0.63	6.16	0.06	0.63		3.63	0.09		5	5	+40063
+40064	3	37	26	+38	52.6	4	-	0.7	-	2.85	0.16	-	6.30	-	-	Q	3.45	-		1	1	+40064
+40065	3	38	49	+37	18.1	2	0.56	0.5	0.9	2.93	0.10	0.37	7.50	0.15	-		4.57	0.18		3	1	+40065
+40066	3	39	8	+36	21.0	2	0.25	0.3	1.2	1.86	0.05	0.25	5.88	0.07	0.06		4.02	0.09		4	2	+40066
+40067	3	41	36	+44	37.1	2	0.37	0.7	0.2	2.38	0.12	0.47	7.02	0.15	2.44		4.64	0.19		3	2	+40067
+40068	3	41	49	+42	24.6	2	1.25	0.3	1.7	2.61	0.07	0.63	3.56	0.06	0.84		0.95	0.09		4	3	+40068
+40069	3	47	1	+42	26.1	1	6.25	0.3	2.2	1.38	0.05	1.72	4.99	0.06	0.84		3.61	0.08		5	3	+40069
+40070	3	48	55	+39	43.8	1	0.50	0.3	1.7	2.45	0.06	32.00	8.48	0.37	0.94		6.03	0.37	K	4	3	+40070
+40071	3	49	5	+44	55.6	2	0.19	0.3	1.1	1.40	0.05	0.47	6.03	0.06	1.12		4.63	0.08		3	3	+40071
+40072	3	50	44	+36	23.5	2	0.94	0.3	2.6	2.34	0.06	0.09	7.94	0.30	-		5.60	0.31		3	1	+40072
+40073	4	4	29	+42	5.4	2	1.75	0.3	0.7	2.50	0.07	0.63	7.55	0.14	2.12		5.05	0.16		4	4	+40073
+40074	4	4	29	+42	54.0	1	2.50	0.3	2.5	1.41	0.05	0.75	5.56	0.28	-		4.15	0.28		4	1	+40074
+40075	4	4	43	+42	17.6	1	2.50	0.3	1.7	1.82	0.06	0.75	5.66	0.06	2.06		3.84	0.08		4	3	+40075
+40076	4	5	53	+36	17.9	2	4.12	0.3	4.7	2.56	0.08	0.75	5.72	0.06	0.09		3.16	0.10		3	3	+40076
+40077	4	6	56	+42	2.1	2	2.00	0.3	3.0	2.74	0.07	1.12	5.34	-	-	Q	2.60	-		4	4	+40077
+40078	4	7	26	+42	5.6	2	1.75	0.3	3.0	2.26	0.06	1.00	5.56	0.09	-		3.30	0.11		4	1	+40078
+40079	4	11	28	+40	21.7	1	0.94	0.3	0.3	2.34	0.06	0.63	4.03	0.07	3.59		1.69	0.09		5	5	+40079
+40080	4	12	41	+41	32.5	1	4.00	0.3	1.2	2.58	0.07	0.25	7.15	0.11	1.62		4.57	0.13		4	4	+40080
+40081	4	14	32	+42	36.6	2	0.37	0.8	0.1	2.75	0.10	0.37	6.59	0.10	0.06		3.84	0.14		2	2	+40081
+40082	4	16	35	+40	56.9	1	2.50	0.2	5.0	-0.04	0.04	21.41	4.73	0.05	6.25		4.77	0.06	K	5	4	+40082
+40083	4	16	51	+36	28.1	2	3.00	0.3	0.6	2.81	0.08	0.37	6.92	0.09	0.09		4.11	0.12		3	3	+40083
+40084	4	16	52	+37	5.1	2	0.75	0.3	3.0	1.84	0.06	0.56	5.42	0.06	0.84		3.58	0.08		3	3	+40084
+40085	4	19	20	+43	59.9	2	1.31	0.3	3.4	2.63	0.08	3.09	7.43	0.15	1.31		4.80	0.17		3	3	+40085
+40086	4	20	4	+36	6.3	2	1.00	0.3	3.3	2.38	0.07	0.25	6.42	0.06	0.37		4.04	0.09		4	4	+40086
+40087	4	21	5	+35	7.9	2	0.63	0.3	0.1	2.26	0.07	0.06	5.41	0.09	-		3.15	0.11		2	1	+40087
+40088	4	21	22	+39	11.4	1	0.94	0.3	3.1	2.76	0.06	1.25	7.02	0.09	2.50		4.26	0.11		5	4	+40088
+40089	4	26	19	+39	45.8	1	1.25	0.2	3.1	1.63	0.04	4.37	6.78	0.09	2.16		5.15	0.10		5	3	+40089
+40090	4	26	20	+38	42.0	1	0.25	0.3	8.7	2.97	0.09	0.25	6.32	0.06	0.75		3.35	0.11		4	4	+40090
+40091	4	26	59	+35	10.2	2	0.25	0.3	1.1	2.97	0.10	0.37	8.69	0.41	0.06		5.72	0.42		2	2	+40091
+40092	4	32	54	+44	53.0	2	1.87	0.3	0.2	1.95	0.07	0.56	5.69	0.07	0.09		3.74	0.10		3	3	+40092
+40093	4	33	14	+41	10.0	1	3.44	0.3	1.2	1.32	0.04	0.63	3.24	0.05	1.09		1.92	0.06		5	5	+40093
+40094	4	33	17	+36	57.3	1	4.25	0.3	8.5	2.92	0.08	1.12	6.03	-	-	Q	3.11	-		4	4	+40094
+40095	4	38	1	+40	6.0	1	0.31	0.3	2.2	2.01	0.06	0.94	6.39	0.06	7.34		4.38	0.08		5	5	+40095
+40096	4	38	14	+40	24.2	1	4.69	0.3	1.9	2.89	0.07	1.41	6.89	0.09	3.59		4.00	0.11		5	5	+40096
+40097	4	41	46	+43	41.4	2	0.75	0.3	0.6	2.98	0.09	1.87	5.93	0.06	0.37		2.95	0.11		3	3	+40097
+40098	4	43	54	+35	45.0	2	1.62	0.3	0.7	2.78	0.11	0.06	6.85	0.11	1.00		4.07	0.16		2	2	+40098
+40099	4	46	32	+37	24.5	1	1.56	0.3	1.2	1.46	0.04	1.25	3.71	0.06	1.87		2.25	0.07		5	5	+40099
+40100	4	47	20	+39	20.4	2	1.25	0.3	0.5	3.00	0.09	1.37	6.64	0.08	3.87		3.64	0.12		4	4	+40100

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+40051	0 0 2 0 1 3 1 0 0 0	5.89	K2		886	3587	+40	639		1	0.0	+40051
+40052	0 0 1 0 0 1 0 0 0 0								AE PER	-2	0.3	+40052
+40053	0 0 1 0 0 1 0 0 0 0											+40053
+40054	0 0 4 0 1 1 0 0 0 0	3.39	M4	II	921	3682	+38	630	RHO PER	-2	0.4	+40054
+40055	0 0 2 0 1 3 1 0 0 0	2.15	B8	V	936	3733	+40	673	BET PER	-1	0.1	+40055
+40056	0 0 1 0 0 1 0 0 0 0	8.40	MA				+36	638		2	-0.8	+40056
+40057	0 0 1 0 0 1 0 0 0 0	3.81	K0	III	941	3755	+44	631		1	-0.2	+40057
+40058	0 0 3 0 1 2 0 0 0 0	4.64	K0	III	947	3791	+39	724		0	-0.3	+40058
+40059	0 0 2 0 0 2 0 0 0 0	7.50	MA				+37	719		1	-0.4	+40059
+40060	0 0 2 0 1 2 0 0 0 0											+40060
+40061R	0 0 1 0 0 1 0 0 0 0	6.91	K0			4112	+43	730		-2	0.5	+40061
+40062	0 0 3 0 0 3 0 0 0 0								RU PER	0	-0.2	+40062
+40063	0 0 1 0 0 3 1 0 0 0	8.80	MB				+43	749		-1	-0.6	+40063
+40064	0 0 0 0 0 1 0 0 0 0	9.10					+38	780		2	2.2	+40064
+40065	0 0 1 0 0 2 0 0 0 0											+40065
+40066	0 0 2 1 0 1 0 0 0 0								AF PER	0	-0.1	+40066
+40067	0 0 1 0 0 2 0 0 0 0								AC PER	0	-0.4	+40067
+40068	0 0 1 0 0 2 1 0 0 0	3.77	F5	II	1135	4474	+42	815		1	-0.7	+40068
+40069	0 0 1 0 0 2 2 0 0 0	8.00	MA				+42	831		-2	-0.1	+40069
+40070	0 0 2 0 0 2 0 0 0 0	8.60					+39	879		-12	1.5	+40070
+40071	0 0 2 0 0 1 0 0 0 0											+40071
+40072	0 0 1 1 0 1 0 0 0 0											+40072
+40073	0 0 0 1 0 2 1 0 0 0											+40073
+40074	0 0 1 1 0 0 2 0 0 0	8.30	MB				+42	895	IY PER	2	-1.2	+40074
+40075	0 0 0 1 0 2 1 0 0 0											+40075
+40076	0 0 1 1 0 1 0 0 0 0	8.30	MA				+36	829		-2	0.1	+40076
+40077	0 0 0 1 0 2 1 0 0 0	7.90	MA				+41	823		-3	-0.5	+40077
+40078	0 0 0 1 0 2 1 0 0 0	8.50	MA				+41	824	SW PER	1	0.8	+40078
+40079	0 0 2 0 0 2 1 0 0 0	4.71	G5	II	1306	5103	+40	912		-1	0.2	+40079
+40080	0 0 2 0 0 1 1 0 0 0											+40080
+40081	0 0 0 1 0 0 1 0 0 0											+40081
+40082	0 0 2 0 0 2 1 0 0 0								IR PER	-2	0.2	+40082
+40083	0 0 1 1 0 1 0 0 0 0											+40083
+40084	0 0 1 1 0 1 0 0 0 0	8.00	MA				+36	872		-2	0.2	+40084
+40085	0 0 1 1 0 1 0 0 0 0											+40085
+40086	0 0 1 1 0 2 0 0 0 0								GQ PER	-1	0.7	+40086
+40087	0 0 1 0 0 1 0 0 0 0	7.60	MA				+34	874		1	0.4	+40087
+40088	0 0 1 0 0 3 1 0 0 0											+40088
+40089	0 0 1 0 0 3 1 0 0 0								GI PER	0	0.2	+40089
+40090	0 0 1 1 0 1 1 0 0 0	8.20					+38	899		1	0.7	+40090
+40091	0 0 1 0 0 1 0 0 0 0											+40091
+40092	0 0 2 0 0 1 0 0 0 0	7.90					+44	994	YY PER	0	0.4	+40092
+40093	0 0 2 0 0 1 2 0 0 0	4.27	K0		1454	5609	+40	1000		0	0.2	+40093
+40094	0 0 1 1 0 2 0 0 0 0											+40094
+40095	0 0 2 0 0 2 1 0 0 0								HO PER	-4	0.2	+40095
+40096	0 0 1 0 0 3 1 0 0 0											+40096
+40097	0 0 0 1 0 1 1 0 0 0	7.50	K5				+43	1047		-2	-0.3	+40097
+40098	0 0 1 0 0 1 0 0 0 0											+40098
+40099	0 0 1 1 0 2 1 0 0 0	4.89	K4	III	1533	5868	+37	969		-1	0.4	+40099
+40100	0 0 1 0 0 2 1 0 0 0											+40100

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+40101	4 49 11	+38 25.2	1	1.25	0.3	0.2	1.57	0.04	1.62	5.94	0.06	1.62		4.37	0.07		4	4	+40101
+40102	4 49 14	+36 37.5	3	0.25	0.5	0.5	1.48	0.07	0.37	3.65	0.10	0.25		2.17	0.12		2	2	+40102
+40103R	4 51 38	+40 40.1	1	1.12	0.2	4.1	2.13	0.05	0.75	5.59	-	-	Q	3.46	-		6	6	+40103
+40104	4 51 40	+43 20.6	2	0.12	0.5	0.4	2.72	0.11	0.06	5.65	0.08	0.12		2.93	0.14		2	2	+40104
+40105	4 52 29	+43 25.1	2	0.37	0.3	0.2	2.27	0.07	0.09	5.28	0.06	0.09		3.01	0.09		3	3	+40105
+40106	4 55 29	+44 37.4	2	0.12	0.7	0.1	2.43	0.10	0.06	6.55	0.10	0.94		4.12	0.14		2	2	+40106
+40107	4 56 56	+39 35.1	1	3.50	0.3	0.2	2.44	0.06	1.87	5.69	0.28	-		3.25	0.29		4	1	+40107
+40108	4 57 12	+40 9.6	2	1.00	0.3	0.7	2.89	0.08	1.37	5.73	0.05	3.50		2.84	0.09		4	4	+40108
+40109	4 58 22	+43 45.0	2	0.37	0.3	0.2	1.54	0.05	2.06	2.47	0.05	0.47		0.93	0.07		3	3	+40109
+40110	4 58 58	+41 1.0	1	0.37	0.3	1.1	0.12	0.04	2.16	*	-	-		-	-		3	0*	+40110
+40111	5 2 39	+44 48.0	2	1.25	0.3	4.8	1.07	0.05	1.12	5.66	0.07	0.19		4.59	0.09		4	2	+40111
+40112	5 2 55	+38 39.9	2	4.37	0.3	3.4	2.39	0.06	2.50	5.91	0.05	2.66		3.52	0.08		5	5	+40112
+40113	5 3 10	+35 19.6	2	0.94	0.5	4.3	2.89	0.10	2.72	7.17	0.11	24.00		4.28	0.15	I	3	3	+40113
+40114	5 5 14	+42 31.0	2	0.12	0.5	0.1	2.03	0.07	0.44	5.72	0.07	1.19		3.69	0.10		2	2	+40114
+40115	5 5 38	+38 56.3	1	15.50	0.2	2.0	2.29	0.05	1.75	6.60	0.06	3.19		4.31	0.08		8	6	+40115
+40116	5 6 23	+44 16.9	2	0.12	0.3	2.3	2.57	0.09	0.06	6.48	0.10	1.62		3.91	0.13		2	2	+40116
+40117	5 6 54	+37 14.5	2	0.12	0.5	1.4	2.29	0.07	0.06	4.99	0.06	0.94		2.70	0.09		2	2	+40117
+40118	5 11 42	+40 4.8	1	1.25	0.3	0.7	2.53	0.06	1.25	5.82	0.06	2.62		3.29	0.08		4	4	+40118
+40119	5 14 41	+42 44.6	2	0.50	0.3	0.1	0.07	0.06	4.75	2.98	0.06	0.06		2.91	0.08	K	2	2	+40119
+40120	5 15 52	+35 45.3	2	1.69	0.3	2.4	2.70	0.08	0.84	6.78	0.08	0.56		4.08	0.11		3	3	+40120
+40121R	5 16 49	+35 44.6	2	0.37	0.3	0.4	1.93	0.06	1.31	5.14	-	-	Q	3.21	-		3	3	+40121
+40122	5 17 36	+35 2.8	2	0.37	0.3	0.1	2.00	0.07	0.31	6.86	0.11	0.37		4.86	0.13		2	2	+40122
+40123	5 19 13	+38 49.6	1	4.87	0.3	1.9	2.29	0.07	1.12	7.23	0.09	2.44		4.94	0.11		6	6	+40123
+40124	5 19 13	+36 30.1	2	0.37	0.5	0.1	2.67	0.08	0.06	6.21	0.10	-		3.54	0.13		2	1	+40124
+40125	5 21 16	+37 20.7	2	0.19	0.3	0.7	1.75	0.07	0.47	3.96	0.09	0.69		2.21	0.11		3	2	+40125
+40126	5 21 22	+36 10.0	2	0.19	0.5	0.2	2.68	0.08	0.84	5.28	0.06	0.09		2.60	0.10		3	3	+40126
+40127	5 23 31	+36 51.6	3	0.37	1.0	0.1	3.14	0.15	2.94	7.45	0.17	16.00		4.31	0.23	K,I	2	2	+40127
+40128	5 23 36	+35 25.4	2	0.63	0.3	0.7	2.71	0.09	1.06	5.12	0.06	0.69		2.41	0.11		2	2	+40128
+40129	5 24 42	+43 50.6	2	0.19	0.5	1.5	2.74	0.10	0.28	6.60	0.08	1.59		3.86	0.13		3	3	+40129
+40130	5 25 32	+39 0.0	1	3.50	0.3	1.2	1.78	0.05	3.87	5.88	0.06	11.87		4.10	0.08	I	4	4	+40130
+40131	5 28 0	+38 16.7	2	0.37	0.3	0.9	2.47	0.07	1.78	5.31	0.06	0.66		2.84	0.09		3	3	+40131
+40132	5 29 3	+41 26.0	2	1.50	0.5	2.3	2.64	0.08	0.12	7.47	0.18	0.06		4.83	0.20		4	2	+40132
+40133	5 30 46	+41 5.8	1	2.81	0.3	0.9	1.93	0.05	1.41	4.94	0.04	2.25		3.01	0.06		5	4	+40133
+40134	5 32 42	+37 59.9	2	0.19	0.3	0.6	2.11	0.05	3.84	6.15	0.11	-		4.04	0.12		3	1	+40134
+40135	5 36 44	+37 36.6	2	0.25	0.3	1.0	1.39	0.05	24.13	8.32	0.28	-		6.93	0.28	K	4	1	+40135
+40136	5 38 27	+38 54.8	2	4.69	0.3	0.9	1.13	0.05	5.78	4.98	0.28	-		3.85	0.28		5	1	+40136
+40137	5 40 49	+37 58.6	2	1.50	0.3	0.2	2.92	0.09	0.09	6.88	0.10	0.09		3.96	0.13		3	3	+40137
+40138	5 41 56	+35 41.0	2	0.25	0.5	0.2	2.48	0.09	0.06	5.82	0.20	-		3.34	0.22		2	1	+40138
+40139	5 42 22	+37 38.4	1	0.63	0.2	3.1	2.19	0.05	2.34	5.37	0.08	0.06		3.18	0.09		5	2	+40139
+40140	5 44 3	+43 11.6	2	1.25	0.5	0.2	2.96	0.11	0.25	8.89	0.52	0.06		5.93	0.53		2	2	+40140
+40141	5 45 5	+44 53.6	2	0.19	0.5	0.4	2.88	0.11	0.28	7.18	0.13	1.78		4.30	0.17		3	3	+40141
+40142	5 45 44	+39 10.1	2	0.50	0.3	1.0	2.36	0.06	1.75	3.97	0.12	0.06		1.61	0.13		4	2	+40142
+40143	5 47 40	+37 17.9	2	0.25	0.3	0.1	0.67	0.06	0.06	3.12	-	-	Q	2.45	-		2	2	+40143
+40144	5 48 1	+39 8.0	1	2.00	0.3	0.5	1.47	0.05	0.37	3.19	0.05	2.62		1.72	0.07		4	4	+40144
+40145	5 50 53	+39 30.1	1	2.50	0.3	0.7	1.34	0.04	0.63	5.62	0.06	1.97		4.28	0.07		4	3	+40145
+40146	5 53 32	+35 34.5	2	0.50	0.3	0.5	0.45	0.07	1.75	4.00	0.07	1.19		3.55	0.10		2	2	+40146
+40147	5 54 58	+43 29.5	2	4.00	0.3	1.5	2.60	0.07	0.37	6.00	0.10	-		3.40	0.12		4	1	+40147
+40148	5 55 51	+44 56.8	2	4.25	0.3	0.2	1.88	0.06	1.62	*	-	-		-	-		4	0*	+40148
+40149	5 55 58	+38 26.2	2	0.56	0.5	0.9	2.74	0.10	2.53	9.60	0.37	-		6.86	0.38		3	1	+40149
+40150	5 56 20	+37 12.7	2	1.50	0.3	0.2	2.70	0.08	0.56	2.87	0.05	2.34		0.17	0.09		3	3	+40150

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+40101	0 0 1 1 0 1 1 0 0 0	8.60					+38	955		0	-0.1	+40101
+40102	0 0 1 0 0 1 0 0 0 0	4.77	K3	III	1551	5934	+36	952		-3	0.3	+40102
+40103R	0 0 2 0 0 2 2 0 0 0	8.40	MA				+40	1085		-1	0.0	+40103
+40104	0 0 0 1 0 0 1 0 0 0	7.44	K5			5979	+43	1124		-1	0.4	+40104
+40105	0 0 0 1 0 1 1 0 0 0	7.60	MA				+43	1131		0	0.2	+40105
+40106	0 0 0 1 0 1 0 0 0 0											+40106
+40107	0 0 1 0 0 2 1 0 0 0	6.56	K5	G	1602	6086	+39	1134		0	0.3	+40107
+40108	0 0 1 0 0 2 1 0 0 0	7.30	K5				+40	1128		-2	0.1	+40108
+40109	0 0 0 1 0 1 1 0 0 0	2.99	A8	II	1605	6123	+43	1166	EPS AUR	-1	-0.1	+40109
+40110	0 0 1 0 0 1 1 0 0 0	3.75	K5	II	1612	6137	+40	1142	ZTA AUR	-2	0.7	+40110
+40111	0 0 1 2 0 1 0 0 0 0											+40111
+40112	0 0 1 1 0 1 2 0 0 0	8.60					+38	1019		-2	0.7	+40112
+40113	0 0 2 0 0 1 0 0 0 0								AQ AUR	-2	0.4	+40113
+40114	0 0 1 0 0 0 1 0 0 0	8.50					+42	1180		-1	0.1	+40114
+40115	0 0 1 2 0 3 2 0 0 0								TX AUR	-2	-0.1	+40115
+40116	0 0 0 1 0 1 0 0 0 0											+40116
+40117	0 0 1 0 0 1 0 0 0 0	6.17	B2	II	1669	6309	+37	1067		-2	0.1	+40117
+40118	0 0 1 0 0 2 1 0 0 0	8.30	MA				+39	1225	UZ AUR	1	0.2	+40118
+40119	0 0 1 0 0 0 1 0 0 0	5.63	M4	G	1722	6469	+42	1239		0	0.2	+40119
+40120	0 0 1 0 0 2 0 0 0 0											+40120
+40121R	0 0 1 0 0 2 0 0 0 0	7.20	MA				+35	1054		1	0.5	+40121
+40122	0 0 1 0 0 1 0 0 0 0								EE AUR	1	0.4	+40122
+40123	0 0 2 2 0 1 1 0 0 0											+40123
+40124	0 0 1 0 0 1 0 0 0 0	8.60	MB				+36	1104		-2	0.0	+40124
+40125	0 0 1 0 0 2 0 0 0 0	5.00	K4	III	1773	6636	+37	1175		0	0.3	+40125
+40126	0 0 1 0 0 2 0 0 0 0	6.74	K2			6640	+36	1122		-2	0.7	+40126
+40127	0 0 1 0 0 1 0 0 0 0								W AUR	-2	0.0	+40127
+40128	0 0 1 0 0 1 0 0 0 0	6.11	K2		1794	6691	+35	1102		2	0.5	+40128
+40129	0 0 1 0 0 1 1 0 0 0											+40129
+40130	0 0 0 1 0 2 1 0 0 0								AD AUR	-3	-0.5	+40130
+40131	0 0 1 0 0 1 1 0 0 0	7.20	K5				+38	1193		-1	-0.3	+40131
+40132	0 0 1 0 0 1 2 0 0 0											+40132
+40133	0 0 1 1 0 1 2 0 0 0	7.06	K5			6882	+41	1222		0	0.4	+40133
+40134	0 0 1 0 0 1 1 0 0 0											+40134
+40135	0 0 1 0 0 2 1 0 0 0								RU AUR	1	0.0	+40135
+40136	0 0 1 1 0 2 1 0 0 0								SZ AUR	-2	0.2	+40136
+40137	0 0 1 0 0 1 1 0 0 0											+40137
+40138	0 0 1 0 0 1 0 0 0 0	8.30	K5				+35	1225		0	0.5	+40138
+40139	0 0 1 0 0 3 1 0 0 0	7.30	MA				+37	1308		-1	0.0	+40139
+40140	0 0 1 0 0 0 1 0 0 0											+40140
+40141	0 0 1 1 0 1 0 0 0 0								AF AUR	1	-0.1	+40141
+40142	0 0 0 1 0 2 1 0 0 0	4.53	G8	III	1995	7277	+39	1418		1	0.2	+40142
+40143	0 0 1 0 0 1 0 0 0 0	4.73	M1	G	2011	7322	+37	1336		1	0.3	+40143
+40144	0 0 0 1 0 2 1 0 0 0	3.97	K0	III	2012	7334	+39	1429		-1	-0.2	+40144
+40145	0 0 0 1 0 2 1 0 0 0											+40145
+40146	0 0 1 0 0 1 0 0 0 0	7.40	MB				+35	1288		-2	0.1	+40146
+40147	0 0 1 0 0 1 2 0 0 0	8.50					+43	1397		1	-0.5	+40147
+40148	0 0 1 2 0 1 0 0 0 0	1.90	A2	V	2088	7543	+44	1328	BET AUR	-1	0.1	+40148
+40149	0 0 1 0 0 1 1 0 0 0											+40149
+40150	0 0 2 0 0 1 0 0 0 0	2.63	B9		2095	7557	+37	1380		1	0.1	+40150

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+40151	5 57 38	+39 40.4	2	0.25	0.3	1.7	2.60	0.07	4.00	7.50	0.13	14.37		4.90	0.15	I	4	4	+40151
+40152	6 2 8	+44 41.8	2	0.37	0.7	0.6	2.96	0.15	0.09	5.68	0.07	0.87		2.72	0.17		3	2	+40152
+40153R	6 11 48	+39 57.8	1	1.25	0.3	0.5	2.15	0.05	2.12	5.40	-	-	Q	3.25	-		4	4	+40153
+40154	6 14 17	+39 29.2	1	6.56	0.3	0.9	2.29	0.05	1.09	5.10	-	-	Q	2.81	-		5	4	+40154
+40155	6 14 43	+35 37.6	2	0.75	0.5	3.8	1.94	0.08	0.37	5.44	0.08	-		3.50	0.11		3	1	+40155
+40156	6 29 45	+40 44.9	1	8.75	0.3	2.5	2.73	0.06	3.59	9.56	-	-	Q	6.83	-		5	4	+40156
+40157	6 31 8	+42 32.1	2	1.69	0.5	1.7	2.94	0.08	0.09	6.57	0.08	0.75		3.63	0.11		3	3	+40157
+40158	6 33 7	+38 28.7	2	3.75	0.3	0.1	-0.71	0.05	0.06	3.04	0.07	4.50		3.75	0.09	I	2	2	+40158
+40159	6 35 11	+39 26.1	2	0.19	0.5	0.2	2.60	0.08	1.69	4.70	0.10	0.09		2.10	0.13		3	3	+40159
+40160	6 35 44	+42 32.3	2	0.56	0.3	0.2	2.09	0.05	0.09	3.95	0.07	0.09		1.86	0.09		3	3	+40160
+40161	6 39 27	+44 34.6	1	2.25	0.3	14.0	1.55	0.04	1.87	3.81	0.05	1.25		2.26	0.06		4	4	+40161
+40162R	6 40 48	+40 40.4	1	4.87	0.3	2.6	1.87	0.05	1.50	4.81	-	-	Q	2.94	-		6	6	+40162
+40163	6 41 31	+36 52.8	2	0.37	0.5	0.2	2.87	0.10	0.66	6.81	0.09	0.28		3.94	0.13		3	3	+40163
+40164	6 46 24	+37 34.0	2	3.75	0.3	0.6	2.77	0.08	0.28	5.28	0.05	0.94		2.51	0.09		3	3	+40164
+40165	6 47 17	+41 50.4	2	0.19	0.3	0.6	2.15	0.06	0.09	4.23	0.18	-		2.08	0.19		3	1	+40165
+40166	6 49 42	+35 51.0	2	0.19	0.5	0.2	2.73	0.08	0.75	5.07	0.04	2.25		2.34	0.09		3	3	+40166
+40167	6 53 58	+37 27.5	2	1.50	0.3	1.2	1.55	0.05	1.62	4.49	0.09	0.63		2.94	0.10		4	4	+40167
+40168	6 55 38	+38 6.8	2	0.12	0.5	0.2	2.97	0.12	0.12	5.24	0.07	0.19		2.27	0.14		2	2	+40168
+40169	6 59 55	+44 58.6	2	0.12	0.7	0.2	2.92	0.12	0.06	6.35	0.09	0.19		3.43	0.15		2	2	+40169
+40170	7 8 15	+39 24.0	2	0.19	0.3	1.1	1.51	0.06	0.19	3.59	0.10	-		2.08	0.12		3	1	+40170
+40171	7 14 32	+39 11.9	2	0.94	0.3	1.6	2.55	0.07	2.50	6.50	0.07	3.44		3.95	0.10		5	5	+40171
+40172	7 15 0	+38 8.5	2	0.12	0.3	2.0	0.17	0.07	1.37	5.00	0.10	-		4.83	0.12		2	1	+40172
+40173	7 17 3	+42 39.8	2	1.12	0.5	1.5	2.68	0.08	0.56	5.92	0.09	-		3.24	0.12		3	1	+40173
+40174	7 18 43	+36 50.9	2	0.75	0.5	0.6	2.58	0.08	0.19	4.43	0.09	0.66		1.85	0.12		3	3	+40174
+40175	7 20 40	+40 46.3	1	0.31	0.2	1.9	2.49	0.05	0.16	4.48	0.06	1.72		1.99	0.08		5	5	+40175
+40176	7 21 11	+37 41.6	2	0.75	0.5	3.3	2.74	0.08	2.00	7.10	0.10	1.62		4.36	0.13		4	4	+40176
+40177	7 25 5	+41 4.6	1	2.81	0.2	0.6	1.71	0.04	0.94	6.26	-	-	Q	4.55	-		5	5	+40177
+40178	7 25 39	+40 47.0	1	4.06	0.3	2.8	2.55	0.06	0.78	6.78	0.08	4.53		4.23	0.10		5	5	+40178
+40179	7 28 46	+35 42.8	2	1.00	0.3	0.5	2.63	0.07	1.25	5.42	0.04	2.37		2.79	0.08		4	4	+40179
+40180R	7 33 54	+40 8.2	2	0.19	0.3	1.1	2.42	0.08	1.50	4.93	-	-	Q	2.51	-		3	3	+40180
+40181	7 34 45	+38 22.1	2	0.19	0.3	0.9	2.26	0.07	0.09	5.25	0.08	0.37		2.99	0.11		3	2	+40181
+40182	7 36 8	+36 54.8	2	0.50	0.3	3.0	2.90	0.09	1.12	7.37	0.15	3.47		4.47	0.17		4	3	+40182
+40183	7 36 55	+38 28.0	2	0.19	0.3	0.6	1.81	0.06	0.47	4.33	0.08	0.47		2.52	0.10		3	3	+40183
+40184	7 40 46	+38 57.0	2	9.25	0.3	3.0	1.73	0.08	0.63	5.09	0.10	0.09		3.36	0.13		4	3	+40184
+40185	7 42 4	+42 12.7	2	0.63	0.5	1.9	2.99	0.08	2.19	6.36	0.05	1.09		3.37	0.09		5	5	+40185
+40186	7 43 22	+37 38.4	1	8.75	0.2	3.1	0.89	0.03	3.72	3.50	0.04	3.75		2.61	0.05		7	6	+40186
+40187	7 46 47	+39 53.5	1	1.50	0.3	2.6	2.08	0.06	0.94	4.96	0.06	1.97		2.88	0.08		3	3	+40187
+40188	7 47 57	+37 13.2	1	1.56	0.3	0.6	2.90	0.08	3.44	5.28	0.05	2.97		2.38	0.09		5	5	+40188
+40189	7 48 52	+36 17.9	2	7.00	0.3	6.8	2.70	0.07	0.75	5.25	-	-	Q	2.55	-		4	3	+40189
+40190	7 56 34	+36 13.2	2	0.25	0.5	0.7	2.67	0.07	0.12	5.21	0.05	3.12		2.54	0.09		4	4	+40190
+40191	7 58 40	+35 32.9	1	0.94	0.3	2.5	2.49	0.05	1.25	5.02	0.03	3.44		2.53	0.06		5	5	+40191
+40192	8 0 23	+36 29.0	1	5.31	0.2	1.6	0.47	0.04	0.94	3.83	0.07	1.00		3.36	0.08		5	4	+40192
+40193	8 11 34	+37 49.1	1	5.62	0.3	3.1	2.92	0.09	1.09	7.96	0.19	12.34		5.04	0.21	I	5	5	+40193
+40194	8 17 59	+35 29.7	1	0.63	0.3	3.1	2.86	0.07	2.03	5.93	-	-	Q	3.07	-		5	5	+40194
+40195	8 19 26	+43 21.0	1	1.31	0.3	0.7	0.66	0.04	3.56	2.86	0.04	3.19		2.20	0.06		3	3	+40195
+40196R	8 21 20	+42 9.9	1	4.37	0.3	2.2	2.21	0.05	3.59	4.67	-	-	Q	2.46	-		5	5	+40196
+40197	8 48 37	+43 55.1	1	0.50	0.3	1.7	2.91	0.08	0.25	4.62	0.06	1.59		1.71	0.10		4	3	+40197
+40198	8 53 57	+41 31.9	2	0.12	0.5	1.0	2.83	0.11	0.06	5.91	0.09	0.12		3.08	0.14		2	2	+40198
+40199	8 57 21	+37 47.9	1	1.87	0.2	7.5	2.31	0.05	0.37	4.91	0.04	7.12		2.60	0.06		6	6	+40199
+40200	8 57 23	+41 58.1	4	-	0.8	-	2.88	0.14	-	3.78	0.09	-		0.90	0.17		1	1	+40200

NO.	OBSERVATIONAL RECORD	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA	DD	NO.
	• 65 • 66 • 67 •								S	M	
+40151	0 0 0 1 0 2 1 0 0 0							AZ AUR	-2	0.3	+40151
+40152	0 0 1 0 0 1 1 0 0 0	7.80	K2				+44 1359		-1	0.1	+40152
+40153R	0 0 0 1 0 2 1 0 0 0	7.30	MB				+39 1559		0	0.0	+40153
+40154	0 0 0 1 0 2 2 0 0 0	7.12	K2			8049	+39 1576		1	-0.4	+40154
+40155	0 0 2 0 0 1 0 0 0 0	8.60	MB				+35 1377		1	0.6	+40155
+40156	0 0 0 1 0 2 2 0 0 0										+40156
+40157	1 0 1 0 0 0 1 0 0 0							RV AUR	-2	-0.5	+40157
+40158	0 0 1 0 0 0 1 0 0 0	5.29	C5		2405	8581	+38 1539	UU AUR	0	-0.5	+40158
+40159	0 0 0 1 0 1 1 0 0 0	5.54	K5	G	2419	8648	+39 1690		-1	-0.1	+40159
+40160	1 0 1 0 0 0 1 0 0 0	4.80	K3	II	2427	8662	+42 1585		-2	0.1	+40160
+40161	1 0 1 0 0 1 1 0 0 0	5.02	K5	III	2459	8751	+44 1518		0	0.1	+40161
+40162R	0 0 0 1 0 3 2 0 0 0	6.87	M0			8784	+40 1696		0	-0.2	+40162
+40163	0 0 1 1 0 1 0 0 0 0										+40163
+40164	0 0 1 0 0 1 1 0 0 0	6.60	K5			8913	+37 1592		3	-0.2	+40164
+40165	0 0 1 0 0 1 1 0 0 0	5.02	K3	III	2516	8931	+41 1536		3	-0.2	+40165
+40166	1 0 1 0 0 1 0 0 0 0	6.04	G5		2542	8995	+35 1511		-1	0.0	+40166
+40167	0 0 1 1 0 1 1 0 0 0	6.68	M3			9108	+37 1620		3	-0.2	+40167
+40168	0 0 1 0 0 0 1 0 0 0	5.99	K2	III	2600	9151	+38 1656		-1	-0.6	+40168
+40169	0 0 0 1 0 0 1 0 0 0	8.70					+45 1379		1	0.6	+40169
+40170	1 0 0 0 0 1 1 0 0 0	4.93	K4	II	2696	9490	+39 1882		1	-0.2	+40170
+40171	1 0 0 0 0 2 2 0 0 0										+40171
+40172	0 0 0 1 0 0 1 0 0 0										+40172
+40173	1 0 1 0 0 0 1 0 0 0										+40173
+40174	0 0 0 2 0 1 0 0 0 0	5.11	G8	III	2793	9796	+37 1707		0	-0.5	+40174
+40175	0 0 0 1 0 1 3 0 0 0	5.13	K0	III	2805	9850	+40 1852		-1	0.0	+40175
+40176	0 0 0 1 0 1 2 0 0 0										+40176
+40177	1 0 0 1 0 1 2 0 0 0							VX AUR	1	0.2	+40177
+40178	1 0 0 1 0 1 2 0 0 0							HM AUR	-1	-0.2	+40178
+40179	1 0 1 0 0 2 0 0 0 0	7.16	K5			10067	+35 1635		3	0.2	+40179
+40180R	1 0 0 0 0 1 1 0 0 0	6.34	M1		2915	10193	+40 1903		1	-0.1	+40180
+40181	0 0 0 1 0 0 2 0 0 0	7.60	M3			10216	+38 1798		-1	-0.2	+40181
+40182	0 0 0 2 0 2 0 0 0 0										+40182
+40183	0 0 0 1 0 0 2 0 0 0	5.67	M0	G	2935	10288	+38 1803		1	0.4	+40183
+40184	1 0 0 1 0 1 1 0 0 0	7.40	MB				+39 1996		-2	-0.5	+40184
+40185	1 0 1 0 0 1 2 0 0 0	• 8.70	MA				+42 1757		0	-0.6	+40185
+40186	0 0 0 2 0 3 2 0 0 0	5.26	M3	G	2999	10460	+37 1769		3	0.0	+40186
+40187	1 0 0 0 0 1 1 0 0 0	6.95	M0			10551	+40 1949		-3	-0.4	+40187
+40188	0 0 0 3 0 2 0 0 0 0	6.70	K2			10584	+37 1784		0	0.6	+40188
+40189	0 0 0 2 0 2 0 0 0 0	6.98	M0			10611	+36 1696		0	0.0	+40189
+40190	0 0 0 2 0 2 0 0 0 0	6.53	K5			10794	+36 1726		-2	0.1	+40190
+40191	0 0 1 2 0 2 0 0 0 0	6.14	K0		3130	10869	+35 1731		0	-0.3	+40191
+40192	0 0 0 3 0 2 0 0 0 0	6.80	M3			10911	+36 1735	SV LYN	-2	-0.2	+40192
+40193	0 0 0 2 0 2 1 0 0 0							RT LYN	0	-0.2	+40193
+40194	0 0 0 2 0 3 0 0 0 0	8.00	MA				+35 1808		0	0.4	+40194
+40195	1 0 1 0 0 0 1 0 0 0	4.25	K5	III	3275	11401	+43 1815		1	0.0	+40195
+40196R	1 0 1 0 0 1 2 0 0 0	6.07	K5	G	3287	11456	+42 1859		0	-0.2	+40196
+40197	1 0 1 0 0 0 2 0 0 0	5.13	K0	III	3508	12221	+44 1794		1	0.3	+40197
+40198	1 0 0 0 0 0 1 0 0 0	8.00	MA				+41 1889		1	-0.2	+40198
+40199	0 0 0 3 0 2 1 0 0 0	6.39	K5		3580	12432	+38 1986		0	-0.1	+40199
+40200	0 0 0 0 0 0 1 0 0 0	3.95	F5	V	3579	12434	+42 1956		-2	-0.8	+40200

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+40201	9	0	37	+38	56.8	2	4.25	0.3	1.7	0.48	0.06	0.12	3.72	0.10	0.06		3.24	0.12		4	2	+40201
+40202	9	3	22	+38	39.5	2	0.19	0.5	0.7	2.50	0.09	0.28	3.92	0.08	0.09		1.42	0.12		3	3	+40202
+40203	9	6	38	+38	53.1	2	-	0.7	-	2.99	0.16	-	6.41	0.13	-		3.42	0.21		1	1	+40203
+40204	9	12	35	+44	54.5	2	0.31	0.3	0.9	2.16	0.08	2.81	5.54	0.04	2.62		3.38	0.09		5	4	+40204
+40205	9	25	30	+36	22.9	1	3.06	0.2	5.3	1.49	0.03	4.81	5.18	0.10	0.12		3.69	0.10		7	2	+40205
+40206	9	27	43	+44	54.0	2	0.75	0.3	1.2	1.95	0.06	2.50	5.10	0.05	0.94		3.15	0.08		4	3	+40206
+40207	9	28	30	+35	19.2	1	5.00	0.3	4.0	1.53	0.03	1.00	4.02	0.05	2.37		2.49	0.06		4	4	+40207
+40208R	9	31	10	+36	37.3	1	3.00	0.2	4.5	2.49	0.05	1.50	4.01	-	-	Q	1.52	-		6	6	+40208
+40209	9	31	58	+39	50.3	2	0.75	0.3	1.5	2.54	0.11	0.06	4.13	0.12	0.06		1.59	0.16		2	2	+40209
+40210	9	46	29	+36	58.9	1	5.00	0.3	0.9	2.69	0.07	2.34	5.28	0.05	4.06		2.59	0.09		5	5	+40210
+40211	9	47	11	+39	51.8	2	2.00	0.3	1.5	2.48	0.10	0.06	5.09	0.08	0.06		2.61	0.13		2	2	+40211
+40212	9	49	31	+35	45.8	1	1.12	0.3	4.9	2.69	0.07	2.25	5.60	0.10	-		2.91	0.12		6	1	+40212
+40213	9	51	40	+36	19.2	1	2.50	0.3	6.3	2.87	0.06	2.81	7.03	0.08	6.72		4.16	0.10		5	5	+40213
+40214	10	0	26	+41	32.5	2	2.75	0.3	2.5	2.41	0.07	4.25	5.34	0.06	0.84		2.93	0.09		4	3	+40214
+40215	10	2	29	+43	4.6	2	0.19	0.3	0.9	2.58	0.07	0.56	6.89	0.09	1.59		4.31	0.11		3	3	+40215
+40216	10	8	16	+37	38.4	1	3.00	0.3	3.0	3.00	0.07	2.06	5.02	0.03	9.56		2.02	0.08	I	6	6	+40216
+40217	10	14	20	+41	43.0	2	0.75	0.3	1.3	2.07	0.07	0.09	4.80	0.05	0.09		2.73	0.09		3	3	+40217
+40218	10	19	21	+41	45.1	1	2.06	0.3	1.1	-0.82	0.05	0.09	*	-	-		-	-		3	0*	+40218
+40219	10	24	59	+36	57.5	1	4.50	0.3	2.3	2.16	0.05	1.31	3.69	0.04	3.28		1.53	0.06		6	5	+40219
+40220	10	45	46	+36	33.6	2	0.37	0.3	1.1	2.02	0.05	6.47	6.00	0.06	16.41		3.98	0.08	K,I	3	3	+40220
+40221	10	56	46	+36	21.5	1	2.50	0.3	0.2	1.47	0.03	5.50	4.33	0.06	3.50		2.86	0.07		4	4	+40221
+40222	11	6	34	+36	35.0	1	2.50	0.3	0.7	0.36	0.03	3.75	3.31	0.04	3.00		2.95	0.05		4	4	+40222
+40223	11	6	50	+43	28.5	1	3.37	0.3	1.5	1.39	0.05	0.56	4.03	0.07	0.63		2.64	0.09		6	5	+40223
+40224	11	6	52	+44	46.0	1	1.75	0.3	0.5	0.39	0.04	0.12	2.02	-	-	Q	1.63	-		4	1*	+40224
+40225	11	20	6	+43	45.1	1	4.50	0.3	0.7	2.77	0.07	3.56	4.34	0.06	0.94		1.57	0.09		6	5	+40225
+40226	11	32	51	+35	8.4	1	2.50	0.2	0.9	0.01	0.04	3.59	4.38	0.07	1.37		4.37	0.08		5	4	+40226
+40227	11	43	2	+36	10.2	2	0.19	0.3	0.7	0.83	0.04	0.09	4.06	0.06	0.28		3.23	0.07		3	3	+40227
+40228	11	44	37	+43	44.8	1	1.87	0.2	1.2	0.74	0.04	1.09	4.42	0.07	0.94		3.68	0.08		5	5	+40228
+40229	11	52	3	+37	25.2	2	0.75	0.3	0.7	2.72	0.09	3.47	6.49	0.07	0.75		3.77	0.11		3	3	+40229
+40230	11	52	40	+37	1.6	1	2.06	0.3	1.1	1.85	0.04	3.09	4.66	0.07	0.12		2.81	0.08		3	2	+40230
+40231	12	12	7	+39	37.0	2	2.62	0.5	0.4	2.98	0.09	3.19	5.57	0.05	0.66		2.59	0.10		3	3	+40231
+40232	12	13	38	+40	56.4	1	1.87	0.2	3.1	1.64	0.04	3.91	4.11	0.05	1.56		2.47	0.06		5	5	+40232
+40233	12	21	25	+40	59.5	2	1.75	0.5	5.5	2.73	0.08	1.37	5.88	0.05	0.37		3.15	0.09		4	4	+40233
+40234	12	23	23	+39	17.1	2	1.50	0.5	0.6	2.89	0.09	1.78	4.43	0.06	0.37		1.54	0.11		3	3	+40234
+40235	12	29	32	+43	44.9	1	2.19	0.3	3.4	2.72	0.06	2.03	6.26	0.07	0.09		3.54	0.09		5	3	+40235
+40236	12	31	21	+41	37.8	2	0.50	0.3	1.7	2.72	0.07	1.62	3.88	0.05	2.00		1.16	0.09		4	4	+40236
+40237	12	41	10	+41	31.9	2	0.37	0.3	0.4	2.22	0.05	0.56	5.42	0.05	0.66		3.20	0.07		3	3	+40237
+40238	12	44	57	+38	38.4	2	0.19	0.3	2.8	2.84	0.09	4.31	7.94	0.23	1.87		5.10	0.25		3	3	+40238
+40239R	12	53	41	+38	35.1	2	2.25	0.3	2.8	2.92	0.08	2.62	3.09	0.04	3.50		0.17	0.09		4	4	+40239
+40240	13	1	37	+43	16.6	2	0.63	0.3	0.3	2.42	0.05	3.44	5.15	0.04	3.59		2.73	0.06		5	5	+40240
+40241	13	11	19	+37	9.2	1	0.94	0.3	1.6	2.05	0.04	1.72	4.78	0.04	2.62		2.73	0.06		5	4	+40241
+40242	13	11	28	+40	25.1	1	0.25	0.3	2.0	2.63	0.08	1.00	4.25	0.08	0.09		1.62	0.11		4	3	+40242
+40243	13	12	58	+42	31.6	1	0.94	0.3	5.3	2.98	0.08	2.03	6.45	0.07	2.62		3.47	0.11		5	4	+40243
+40244	13	18	4	+40	24.9	2	1.75	0.3	4.8	2.73	0.09	0.63	4.70	0.05	0.09		1.97	0.10		4	3	+40244
+40245	13	21	38	+37	17.4	1	0.50	0.3	11.7	1.31	0.03	0.87	4.18	0.06	0.75		2.87	0.07		4	4	+40245
+40246	13	29	4	+36	44.8	2	0.19	0.3	0.2	2.73	0.07	0.94	5.68	0.05	0.09		2.95	0.09		3	3	+40246
+40247	13	35	30	+42	27.2	2	0.75	0.3	0.7	2.65	0.07	2.25	5.50	0.05	5.12		2.85	0.09		4	4	+40247
+40248	13	46	49	+39	47.6	1	0.75	0.3	0.7	0.75	0.03	5.25	5.58	0.06	32.00		4.83	0.07	I	4	4	+40248
+40249	13	49	39	+39	55.0	1	3.75	0.3	0.5	1.54	0.04	0.50	4.75	0.04	3.00		3.21	0.06		4	4	+40249
+40250R	13	51	2	+40	35.3	1	2.19	0.3	1.6	2.58	0.07	0.78	5.13	0.04	2.00		2.55	0.08		5	4	+40250

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+40201	1 0 0 2 0 0 1 0 0 0	6.70	M3			12513	+39	2193		0	0.3	+40201
+40202	0 0 0 2 0 0 1 0 0 0	4.56	G8	II	3612	12565	+39	2200		1	0.3	+40202
+40203	0 0 0 0 0 0 1 0 0 0	8.90					+39	2210		0	-0.1	+40203
+40204	2 0 1 1 0 0 1 0 0 0	8.40	MB				+45	1694		2	0.1	+40204
+40205	1 0 0 3 0 3 0 0 0 0	8.00	MB				+36	1963		0	0.1	+40205
+40206	1 0 1 1 0 0 1 0 0 0	8.10	MB				+45	1728		1	-0.3	+40206
+40207	0 0 0 2 0 2 0 0 0 0	5.37	M1	G	3769	13133	+35	2015		0	-0.3	+40207
+40208R	1 0 0 3 0 2 0 0 0 0	4.54	G8	III	3800	13203	+37	2004		-1	0.0	+40208
+40209	1 0 0 0 0 0 1 0 0 0	4.81	K0	III	3809	13221	+40	2224		0	-0.4	+40209
+40210	1 0 0 2 0 2 0 0 0 0	6.92	K5			13517	+37	2022		1	0.0	+40210
+40211	1 0 0 0 0 0 1 0 0 0	6.76	K5			13533	+40	2261		0	-0.2	+40211
+40212	0 0 0 4 0 2 0 0 0 0	7.30	K5			13577	+36	2006		0	0.1	+40212
+40213	1 0 0 2 0 2 0 0 0 0								U LMI	1	-0.4	+40213
+40214	1 0 0 1 0 0 2 0 0 0	7.30	MA				+42	2080		1	-0.3	+40214
+40215	1 0 0 1 0 0 1 0 0 0											+40215
+40216	1 0 0 2 0 2 1 0 0 0	5.94	K3	G	3993	13985	+38	2110		0	-0.6	+40216
+40217	1 0 0 1 0 0 1 0 0 0	6.88	M0			14118	+42	2108		1	-0.1	+40217
+40218	1 0 0 1 0 0 1 0 0 0	3.04	M0	III	4069	14232	+42	2115		-1	0.0	+40218
+40219	2 0 0 1 0 3 0 0 0 0	4.20	G8	III	4100	14358	+37	2080		-2	-0.3	+40219
+40220	1 0 0 1 0 1 0 0 0 0											+40220
+40221	1 0 0 2 0 1 0 0 0 0	6.00	M2	III	4278	15089	+36	2139		0	-0.2	+40221
+40222	1 0 0 2 0 1 0 0 0 0	5.74	M3	G	4333	15334	+37	2162		-1	0.1	+40222
+40223	1 1 0 2 0 0 2 0 0 0	5.89	M2	III	4336	15339	+43	2083		-2	-0.2	+40223
+40224	1 1 0 1 0 0 1 0 0 0	3.01	K1	III	4335	15340	+45	1897		0	-0.2	+40224
+40225	1 1 0 2 0 0 2 0 0 0	5.02	G8	II	4392	15625	+44	2083		0	-0.3	+40225
+40226	1 0 0 3 0 0 0 1 0 0											+40226
+40227	1 0 0 1 0 0 0 1 0 0	7.23	M3			16127	+36	2216	TV UMA	3	-0.1	+40227
+40228	1 1 0 1 0 0 2 0 0 0	8.30					+44	2126		0	-0.2	+40228
+40229	1 0 0 1 0 0 0 1 0 0											+40229
+40230	1 0 0 1 0 0 0 1 0 0	6.37	M0	III	4562	16299	+37	2230		1	-0.5	+40230
+40231	1 0 0 1 0 0 1 0 0 0	7.22	K5			16719	+40	2513		0	-0.2	+40231
+40232	1 0 0 2 0 0 1 1 0 0	5.60	M1	III	4666	16750	+41	2284		0	0.1	+40232
+40233	1 0 0 1 0 0 1 1 0 0	8.00	MA				+41	2292		-1	-0.3	+40233
+40234	1 0 0 1 0 0 1 0 0 0	5.00	G8	III	4728	16948	+39	2521		-1	-0.6	+40234
+40235	1 1 0 0 1 0 2 0 0 0	8.90					+44	2199		-2	-0.6	+40235
+40236	1 0 0 2 0 0 0 1 0 0	4.29	G0	V	4785	17127	+42	2321		-2	0.0	+40236
+40237	1 0 0 1 0 0 0 1 0 0	7.40	MA				+42	2334		-1	-0.2	+40237
+40238	1 0 0 1 0 0 1 0 0 0								U CVN	0	-0.5	+40238
+40239R	2 0 0 1 0 0 1 0 0 0	2.89	B9		4915	17557	+39	2580	ALP2CVN	-1	-0.2	+40239
+40240	1 1 0 2 0 0 0 1 0 0	7.00	M0			17722	+43	2296		0	0.1	+40240
+40241	2 0 0 2 0 0 0 1 0 0	6.69	M0			17912	+37	2383		0	0.1	+40241
+40242	1 0 0 1 1 0 1 0 0 0	4.91	K0	III	4997	17916	+40	2633		1	0.1	+40242
+40243	1 1 0 1 0 0 0 2 0 0	9.10					+43	2314	TV CVN	0	-0.2	+40243
+40244	1 0 0 1 1 0 1 0 0 0	5.55	K1	G	5032	18048	+40	2647		-2	0.1	+40244
+40245	2 0 0 1 0 0 0 1 0 0	6.17	M4	G	5052	18127	+37	2404		0	-0.3	+40245
+40246	1 0 0 1 0 0 0 1 0 0	7.72	M0			18281	+37	2417		1	0.5	+40246
+40247	1 1 0 1 0 0 0 1 0 0	7.30	MA				+42	2424		0	-0.1	+40247
+40248	1 0 0 1 0 0 2 0 0 0	7.40	M6	G	5199	18671	+40	2694	R CVN	0	0.2	+40248
+40249	1 0 0 1 0 0 2 0 0 0	7.82	M3			18742	+40	2701		0	0.0	+40249
+40250R	2 0 0 1 1 0 1 0 0 0	6.74	K5			18773						+40250

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+40251	13 57 25	+37 26.4	1	2.50	0.3	1.2	1.45	0.05	0.31	5.23	0.04	18.50		3.78	0.06	I	5	4	+40251
+40252R	13 58 13	+38 6.3	1	2.62	0.3	1.1	1.10	0.03	0.47	5.06	-	-	Q	3.96	-		3	3	+40252
+40253	14 5 55	+44 5.0	1	2.50	0.3	0.7	-0.35	0.04	5.62	2.60	0.04	0.37		2.95	0.06		4	4	+40253
+40254	14 12 4	+35 50.0	2	5.75	0.3	0.5	2.85	0.07	0.37	5.51	0.05	2.75		2.66	0.09		4	4	+40254
+40255	14 15 52	+35 44.8	1	5.62	0.3	1.9	2.44	0.06	1.25	4.13	0.06	1.12		1.69	0.08		5	4	+40255
+40256	14 19 47	+44 13.1	1	3.00	0.3	1.5	2.73	0.07	3.00	5.97	0.04	6.00		3.24	0.08		6	6	+40256
+40257	14 27 44	+39 5.0	1	2.19	0.2	1.9	0.93	0.04	7.19	4.74	0.04	19.25		3.81	0.06	I	5	4	+40257
+40258	14 30 5	+38 31.7	1	0.25	0.3	8.5	2.49	0.05	1.12	3.07	0.05	1.50		0.58	0.07		4	3	+40258
+40259	14 32 37	+36 50.1	1	2.06	0.3	0.2	2.82	0.07	1.12	5.00	0.04	0.56		2.18	0.08		3	3	+40259
+40260	14 36 17	+43 51.0	1	3.75	0.3	0.6	2.20	0.05	3.59	4.51	0.08	0.25		2.31	0.09		5	4	+40260
+40261	14 41 48	+40 40.5	1	2.19	0.3	0.9	2.33	0.05	1.41	4.65	0.04	1.87		2.32	0.06		5	5	+40261
+40262	14 48 31	+37 28.7	2	0.25	0.3	0.2	2.93	0.07	0.25	4.87	0.05	1.50		1.94	0.09		4	3	+40262
+40263	15 0 4	+40 35.1	1	5.25	0.2	2.3	1.31	0.03	1.69	2.77	0.03	3.37		1.46	0.04		6	6	+40263
+40264	15 12 21	+42 21.1	1	0.75	0.3	0.2	1.61	0.04	1.87	4.33	0.07	1.62		2.72	0.08		4	4	+40264
+40265	15 15 19	+36 32.6	1	0.25	0.3	2.5	2.56	0.05	6.50	6.96	0.08	32.00		4.40	0.09	K,I	4	4	+40265
+40266	15 20 45	+39 45.5	1	2.19	0.2	2.2	1.73	0.04	0.94	4.21	0.15	-		2.48	0.16		5	1	+40266
+40267	15 29 6	+41 0.2	1	3.75	0.2	0.9	1.14	0.04	1.72	3.63	0.05	2.87		2.49	0.06		5	4	+40267
+40268	15 33 23	+39 10.5	1	3.50	0.3	2.3	0.93	0.03	1.00	3.51	0.05	0.50		2.58	0.06		4	4	+40268
+40269	15 34 34	+37 32.5	1	2.25	0.3	3.8	2.92	0.06	1.31	6.06	-	-	Q	3.14	-		6	6	+40269
+40270	15 37 47	+42 51.3	1	4.25	0.3	0.7	2.62	0.06	2.25	5.54	-	-	Q	2.92	-		4	4	+40270
+40271	15 39 35	+38 42.9	1	0.94	0.3	0.3	0.89	0.04	1.09	4.32	0.07	0.12		3.43	0.08		5	4	+40271
+40272	15 44 53	+38 28.4	1	1.56	0.3	0.9	1.52	0.04	0.94	5.86	0.05	4.06		4.34	0.06		5	5	+40272
+40273	15 47 43	+39 43.3	1	1.12	0.2	0.7	1.97	0.04	18.00	6.91	0.08	28.50		4.94	0.09	K,I	6	6	+40273
+40274	15 49 21	+35 48.5	1	3.06	0.3	3.5	2.49	0.05	2.41	4.17	0.05	0.94		1.68	0.07		7	5	+40274
+40275	15 52 56	+43 16.9	1	4.69	0.3	1.6	0.81	0.03	1.09	3.48	0.04	0.47		2.67	0.05		5	5	+40275
+40276	15 56 38	+36 9.5	1	2.62	0.2	3.4	1.77	0.04	0.37	5.17	0.04	5.37		3.40	0.06		6	4	+40276
+40277	15 57 7	+36 46.8	1	1.25	0.3	0.5	1.95	0.04	1.25	4.36	0.06	1.25		2.41	0.07		4	4	+40277
+40278	16 7 8	+36 37.1	1	7.87	0.2	3.4	2.41	0.04	5.44	4.02	0.04	1.12		1.61	0.06		6	6	+40278
+40279	16 9 56	+41 57.9	2	2.50	0.3	4.4	2.86	0.07	0.47	6.17	0.05	4.75		3.31	0.09		5	4	+40279
+40280	16 9 59	+36 33.0	1	3.00	0.2	7.1	2.44	0.04	1.87	4.65	0.04	1.87		2.21	0.06		6	6	+40280
+40281	16 10 8	+42 30.0	1	1.75	0.3	0.2	2.43	0.05	3.00	4.73	0.05	0.87		2.30	0.07		4	4	+40281
+40282	16 18 29	+37 5.9	1	2.19	0.2	5.3	2.29	0.04	5.78	4.99	0.03	2.50		2.70	0.05		5	5	+40282
+40283	16 27 1	+41 59.4	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	+40283
+40284	16 29 10	+35 19.5	1	5.94	0.2	0.9	2.19	0.04	2.03	4.84	0.04	0.31		2.65	0.06		5	5	+40284
+40285	16 33 29	+37 27.0	1	1.87	0.3	0.7	2.90	0.06	2.62	7.55	0.10	20.78		4.65	0.12	I	6	5	+40285
+40286	16 34 43	+36 8.0	1	1.25	0.3	0.3	2.40	0.06	0.31	5.20	0.04	0.31		2.80	0.07		5	5	+40286
+40287	16 41 12	+39 0.7	1	0.25	0.3	0.2	1.30	0.03	2.25	2.74	0.04	2.50		1.44	0.05		4	4	+40287
+40288	16 43 36	+43 18.5	1	3.00	0.3	0.6	2.73	0.06	1.50	5.03	0.05	3.47		2.30	0.08		3	3	+40288
+40289	16 45 44	+42 19.7	1	2.50	0.2	0.9	0.58	0.03	4.53	3.45	0.04	6.25		2.87	0.05		5	5	+40289
+40290	17 1 44	+35 28.9	1	0.75	0.3	0.2	0.73	0.04	0.66	3.75	0.05	0.19		3.02	0.06		3	3	+40290
+40291	17 7 55	+40 50.5	1	3.06	0.2	1.3	2.09	0.04	0.66	4.14	0.05	0.87		2.05	0.06		7	7	+40291
+40292	17 8 41	+40 45.1	1	4.00	0.2	3.5	0.67	0.02	1.75	4.23	0.05	2.41		3.56	0.05		8	7	+40292
+40293	17 12 40	+36 25.9	2	3.50	0.3	0.2	1.27	0.04	0.50	4.87	0.05	0.63		3.60	0.06		4	4	+40293
+40294	17 12 45	+39 10.6	2	20.00	0.3	4.1	2.45	0.05	0.78	5.87	0.04	2.19		3.42	0.06		5	5	+40294
+40295	17 13 17	+36 51.6	1	7.19	0.2	5.9	-0.02	0.04	3.91	*	-	-		-	-		5	0*	+40295
+40296	17 17 2	+41 35.6	1	1.87	0.2	4.9	2.35	0.04	2.81	5.64	0.04	1.09		3.29	0.06		6	5	+40296
+40297	17 17 11	+43 39.6	1	1.25	0.3	1.2	2.13	0.05	2.66	5.59	0.04	0.78		3.46	0.06		5	5	+40297
+40298	17 34 21	+35 25.2	2	3.25	0.3	4.5	2.63	0.06	2.12	6.83	0.07	1.87		4.20	0.09		4	4	+40298
+40299	17 40 7	+40 0.5	1	3.06	0.3	8.7	2.94	0.05	1.09	6.51	0.05	3.50		3.57	0.07		7	7	+40299
+40300	17 41 37	+44 6.8	2	0.19	0.5	4.1	2.55	0.10	0.09	5.08	0.05	0.09		2.53	0.11		3	3	+40300

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM		VAR	DA S	DD M	NO.
+40251	2 0 0 2 0 0 0 1 0 0	8.60					+37	2480	RW CVN	0	0.0	+40251
+40252R	1 0 0 1 0 0 1 0 0 0	8.00	MC				+38	2501		-2	-0.5	+40252
+40253	1 1 0 0 1 0 1 0 0 0	5.27	M4	G	5299	19084	+44	2325		-2	-0.5	+40253
+40254	1 0 0 2 0 0 0 1 0 0	7.20	K2			19217	+36	2453		0	-0.2	+40254
+40255	1 0 0 2 1 0 0 1 0 0	4.81	K0	III	5361	19296	+36	2468		-2	0.4	+40255
+40256	1 2 0 1 1 0 1 0 0 0	8.40	MA				+44	2347		-2	-0.4	+40256
+40257	1 0 0 1 1 0 2 0 0 0	6.40	M6E			19554	+39	2773	V BOO	-1	0.0	+40257
+40258	1 0 0 1 1 0 1 0 0 0	3.03	A7	III	5435	19607	+38	2565	GAM BOO	1	0.2	+40258
+40259	1 0 0 1 0 0 0 1 0 0	6.11	K5	G	5448	19662	+37	2551		1	-0.6	+40259
+40260	0 1 0 1 2 0 1 0 0 0	5.70	K4	III	5464	19733	+44	2376		-3	-0.4	+40260
+40261	1 0 0 1 1 0 1 1 0 0	5.68	K4	G	5493	19841	+41	2523		0	0.3	+40261
+40262	1 0 0 0 1 0 1 1 0 0	5.48	K0	III	5541	19982	+37	2580		0	0.2	+40262
+40263	1 0 0 1 2 0 1 1 0 0	3.50	G8	III	5602	20226	+40	2840		0	-0.1	+40263
+40264	0 1 0 1 1 0 0 1 0 0	6.20	M2	G	5677	20494	+42	2577		-1	-0.3	+40264
+40265	1 0 0 1 1 0 0 1 0 0								RT BOO	0	0.2	+40265
+40266	1 0 0 1 1 0 1 1 0 0	5.64	K4	G	5726	20690	+40	2877		-2	0.0	+40266
+40267	1 0 0 0 2 0 1 1 0 0	5.02	K5	III	5763	20866	+41	2609		-2	0.1	+40267
+40268	0 1 0 1 1 0 1 0 0 0	5.22	M2	G	5800	20964	+39	2889		-2	0.0	+40268
+40269	1 0 0 1 2 0 1 1 0 0	7.00	MB				+37	2661		0	0.1	+40269
+40270	0 1 0 1 1 0 0 1 0 0	7.80	MA				+43	2520		-2	-0.2	+40270
+40271	1 0 0 2 1 0 1 0 0 0	7.20	M3			21108	+39	2901	RR CRB	-1	-0.1	+40271
+40272	1 0 0 1 2 0 1 0 0 0								Y CRB	-2	-0.2	+40272
+40273	0 1 0 1 1 0 2 1 0 0	6.90	N3E			21278	+40	2929	V CRB	-1	-0.1	+40273
+40274	1 1 0 2 1 0 0 2 0 0	4.82	K0	III	5901	21319	+36	2652		0	-0.2	+40274
+40275	0 1 0 1 2 0 0 1 0 0	5.38	M3	D	5932	21382	+43	2542		-2	-0.1	+40275
+40276	1 0 0 2 1 0 0 2 0 0	8.30	MB				+36	2672	RS CRB	-1	-0.3	+40276
+40277	1 0 0 1 1 0 0 1 0 0	5.49	K5	G	5957	21486	+37	2695		0	-0.3	+40277
+40278	1 0 0 1 2 0 0 2 0 0	4.74	K0	III	6018	21733	+36	2699		-1	0.1	+40278
+40279	0 2 0 0 1 0 0 2 0 0	8.10	MB				+42	2682		-1	-0.4	+40279
+40280	1 0 0 1 2 0 0 2 0 0	5.51	K3	III	6046	21800	+36	2706		0	-0.2	+40280
+40281	0 1 0 0 1 0 0 2 0 0	5.84	K4	III	6050	21802	+42	2683		-1	-0.1	+40281
+40282	1 0 0 1 2 0 0 1 0 0	6.75	M0			21995	+37	2741		-2	0.2	+40282
+40283	0 1 0 0 1 0 0 2 0 0	5.01	M6	III	6146	22172	+42	2714	G HER	0	-0.1	+40283
+40284	1 1 0 1 1 0 0 1 0 0	6.32	K5		6157	22224	+35	2828		-3	-0.4	+40284
+40285	1 0 0 1 3 0 0 1 0 0	7.40	M3E			22317	+37	2771	W HER	3	0.2	+40285
+40286	2 0 0 1 1 0 0 1 0 0	7.36	M0			22343	+36	2756		-1	-0.4	+40286
+40287	0 1 0 1 2 0 0 0 0 0	3.50	G7	III	6220	22502	+39	3029		1	-0.2	+40287
+40288	0 1 0 0 1 0 0 1 0 0	5.96	K4	G	6230	22564	+43	2642		-2	0.0	+40288
+40289	0 2 0 0 1 0 0 2 0 0	5.98	M4		6242	22611	+42	2749		0	0.1	+40289
+40290	0 1 0 0 1 0 0 1 0 0	6.63	M4	G	6346	23029	+35	2911		1	-0.1	+40290
+40291	0 1 0 0 4 0 0 2 0 0	5.07	K3	III	6388	23172	+40	3109		-1	0.2	+40291
+40292	0 1 0 0 5 0 0 2 0 0	7.30	MB				+40	3110		0	0.1	+40292
+40293	1 0 0 0 2 0 0 1 0 0	8.10	MB				+36	2843	UW HER	0	0.4	+40293
+40294	0 2 0 1 2 0 0 0 0 0	8.70	MB				+39	3093		1	0.3	+40294
+40295	1 0 0 1 2 0 0 1 0 0	3.16	K3	II	6418	23302	+36	2844		-1	-0.2	+40295
+40296	0 1 0 0 3 0 0 2 0 0	8.10					+41	2817		-1	-0.3	+40296
+40297	0 1 0 0 3 0 0 1 0 0	8.20	MB				+43	2716		1	0.0	+40297
+40298	0 1 0 0 2 0 0 1 0 0											+40298
+40299	0 2 0 1 3 0 0 1 0 0	9.00					+40	3198		0	-0.1	+40299
+40300	0 2 0 0 1 0 0 0 0 0	6.41	K4		6612	24067	+44	2757		0	0.4	+40300

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+40301	17	45	7	+36	6.1	2	2.50	0.3	1.5	2.98	0.08	3.12	5.44	0.04	1.00		2.46	0.09		4	4	+40301
+40302	17	46	12	+36	34.4	1	3.50	0.3	0.2	1.79	0.04	3.75	4.67	0.05	1.12		2.88	0.06		4	4	+40302
+40303	17	50	27	+40	0.0	1	1.50	0.3	4.5	2.88	0.05	2.44	5.07	0.03	2.44		2.19	0.06		6	6	+40303
+40304	17	51	2	+38	49.8	2	0.50	0.3	1.5	2.95	0.07	0.63	5.65	-	-	Q	2.70	-		4	4	+40304
+40305	17	51	40	+40	1.0	1	3.37	0.2	3.4	2.35	0.04	1.69	4.32	0.06	1.12		1.97	0.07		6	6	+40305
+40306	17	54	31	+37	15.2	1	1.75	0.3	0.2	1.06	0.04	5.00	2.86	0.04	0.63		1.80	0.06		4	4	+40306
+40307	18	2	17	+41	21.5	1	5.62	0.2	0.7	2.29	0.05	1.87	5.62	0.04	0.75		3.33	0.06		6	6	+40307
+40308	18	5	17	+43	26.7	1	1.50	0.2	1.1	1.00	0.03	1.87	4.37	0.06	2.06		3.37	0.07		6	6	+40308
+40309	18	6	1	+43	27.5	1	5.00	0.3	2.2	2.99	0.07	4.22	4.37	0.06	2.03		1.38	0.09		5	5	+40309
+40310	18	6	17	+41	42.6	1	9.00	0.2	1.9	2.70	0.06	0.56	5.71	0.04	1.50		3.01	0.07		6	6	+40310
+40311	18	6	18	+36	23.2	2	0.75	0.5	1.7	2.87	0.07	0.25	4.84	0.05	0.25		1.97	0.09		4	4	+40311
+40312	18	6	26	+42	13.0	1	21.88	0.2	4.8	0.80	0.03	1.97	4.95	0.04	13.87		4.15	0.05	I	7	6	+40312
+40313	18	18	5	+36	2.6	1	0.75	0.3	1.2	1.80	0.05	1.37	3.49	0.05	0.25		1.69	0.07		4	4	+40313
+40314	18	22	15	+38	42.0	2	0.19	0.5	1.7	3.00	0.10	0.28	5.32	0.05	0.56		2.32	0.11		3	3	+40314
+40315	18	22	16	+39	33.6	1	4.50	0.2	1.1	1.68	0.04	10.69	5.36	0.13	-		3.68	0.14	K	6	1	+40315
+40316	18	22	29	+43	52.9	1	4.87	0.3	2.3	2.06	0.05	0.94	4.92	0.04	2.25		2.86	0.06		6	6	+40316
+40317	18	23	46	+39	2.4	2	1.75	0.3	0.5	2.78	0.08	1.12	6.25	-	-	Q	3.47	-		4	4	+40317
+40318	18	27	26	+41	1.7	1	7.50	0.3	3.8	3.00	0.06	5.25	6.43	0.05	1.12		3.43	0.08		6	6	+40318
+40319	18	28	50	+36	12.6	2	1.00	0.3	0.2	2.48	0.05	0.37	5.34	-	-	Q	2.86	-		4	4	+40319
+40320	18	29	10	+38	36.1	2	0.19	0.3	0.6	2.07	0.06	1.22	5.76	0.06	7.78		3.69	0.08	I	3	3	+40320
+40321	18	30	35	+36	57.8	1	2.50	0.3	3.3	0.45	0.04	3.37	4.89	0.05	3.37		4.44	0.06		4	3	+40321
+40322	18	35	13	+38	44.3	1	5.25	0.3	0.9	-0.06	0.06	1.03	*	-	-		-	-		3	0*	+40322
+40323	18	36	28	+39	38.0	1	3.00	0.2	0.7	-0.35	0.04	0.75	2.95	0.04	2.44		3.30	0.06		6	6	+40323
+40324	18	38	20	+40	17.2	1	2.25	0.2	3.8	1.56	0.04	3.37	5.16	0.05	1.78		3.60	0.06		6	3	+40324
+40325	18	41	6	+36	54.5	2	2.50	0.3	0.7	1.69	0.05	0.63	5.71	0.07	0.87		4.02	0.09		4	2	+40325
+40326	18	41	36	+39	14.9	1	1.50	0.3	1.5	2.73	0.06	0.50	5.17	0.05	2.12		2.44	0.08		4	4	+40326
+40327	18	42	24	+38	28.5	1	1.50	0.3	0.2	2.39	0.06	1.03	5.01	-	-	Q	2.62	-		3	3	+40327
+40328	18	43	40	+43	34.9	1	1.12	0.2	5.6	2.03	0.04	22.50	6.88	-	-	Q	4.85	-	K	6	6	+40328
+40329	18	51	40	+40	55.9	1	9.50	0.2	1.5	0.64	0.03	1.25	4.01	0.15	-		3.37	0.15		8	1	+40329
+40330R	18	51	54	+42	50.3	1	0.94	0.3	0.9	2.57	0.06	0.63	5.17	-	-	Q	2.60	-		5	5	+40330
+40331	18	52	44	+36	49.9	1	1.12	0.3	0.2	-1.21	0.05	0.19	*	-	-		-	-		3	0*	+40331
+40332	18	52	57	+42	27.6	1	10.62	0.3	1.2	2.06	0.04	1.56	5.35	0.04	0.78		3.29	0.06		5	5	+40332
+40333	18	53	17	+41	32.1	1	4.81	0.2	6.1	2.97	0.06	8.53	4.82	0.03	1.97		1.85	0.07		7	7	+40333
+40334	18	53	47	+43	52.9	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	+40334
+40335	18	57	45	+41	33.6	1	3.50	0.3	1.7	2.90	0.06	0.87	5.88	0.04	0.87		2.98	0.07		7	7	+40335
+40336	18	58	41	+40	37.1	1	6.12	0.2	1.7	1.13	0.03	0.66	4.18	0.05	1.09		3.05	0.06		7	7	+40336
+40337	19	2	23	+40	2.5	1	2.81	0.3	0.9	2.86	0.07	1.41	5.92	0.05	1.09		3.06	0.09		5	5	+40337
+40338	19	6	32	+39	4.6	1	13.12	0.3	3.4	0.72	0.04	1.09	4.27	0.07	0.31		3.55	0.08		5	5	+40338
+40339	19	10	40	+41	10.2	1	1.87	0.2	20.0	1.68	0.04	1.87	4.95	0.04	0.63		3.27	0.06		5	5	+40339
+40340	19	13	19	+40	17.5	1	1.87	0.3	0.3	2.95	0.07	1.56	7.34	0.10	2.34		4.39	0.12		5	5	+40340
+40341	19	14	36	+38	2.8	1	0.50	0.3	0.2	1.57	0.04	0.87	3.40	0.05	0.50		1.83	0.06		4	4	+40341
+40342	19	15	28	+38	56.3	2	4.50	0.2	0.5	2.94	0.09	0.12	5.30	-	-	Q	2.36	-		4	3	+40342
+40343	19	15	50	+37	31.5	1	1.75	0.3	6.1	2.68	0.05	1.75	5.57	0.04	4.16		2.89	0.06		7	7	+40343
+40344	19	18	10	+40	41.8	1	3.37	0.2	0.4	2.28	0.04	1.12	6.21	0.05	3.56		3.93	0.06		6	6	+40344
+40345	19	18	22	+37	47.1	1	1.87	0.2	0.4	2.20	0.04	3.56	6.49	0.05	1.12		4.29	0.06		6	6	+40345
+40346	19	23	10	+35	55.6	2	0.19	0.5	0.2	3.04	0.09	6.09	8.06	0.21	1.12		5.02	0.23	K	3	3	+40346
+40347	19	24	10	+36	5.3	2	0.31	0.3	0.3	1.91	0.04	0.63	5.11	0.06	0.81		3.20	0.07		5	2	+40347
+40348	19	29	40	+43	31.7	1	5.62	0.2	3.8	0.82	0.03	2.44	5.20	0.04	1.72		4.38	0.05		6	5	+40348
+40349	19	31	7	+36	43.9	1	0.63	0.2	3.1	2.63	0.05	1.87	7.11	0.08	14.22		4.48	0.09	I	5	5	+40349
+40350	19	31	14	+43	19.2	2	0.25	0.3	1.2	2.86	0.08	0.25	5.89	0.05	1.12		3.03	0.09		4	4	+40350

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
+40301	0 1 0 0 2 0 0 1 0 0	6.63	K5			24155	+36 2937		-2	-0.2	+40301
+40302	0 1 0 0 2 0 0 1 0 0	6.72	M0			24183	+36 2942		0	0.1	+40302
+40303	0 2 0 1 2 0 0 1 0 0	5.90	K4	G	6673	24309	+40 3228		0	0.5	+40303
+40304	1 0 0 1 2 0 0 0 0 0	7.20	K0			24327	+38 3025		-1	-0.1	+40304
+40305	0 2 0 1 2 0 0 1 0 0	5.15	K3	III	6677	24342	+40 3233		0	0.0	+40305
+40306	0 1 0 0 2 0 0 1 0 0	3.86	K1	II	6695	24415	+37 2982		-2	-0.1	+40306
+40307	0 2 0 0 2 0 0 2 0 0	7.90					+41 2965		0	-0.2	+40307
+40308	0 1 0 0 4 0 0 1 0 0	8.00	MB				+43 2890		0	0.1	+40308
+40309	0 1 0 0 3 0 0 1 0 0	4.99	K0		6791	24724	+43 2892		3	0.2	+40309
+40310	0 2 0 0 2 0 0 2 0 0	7.68	M0			24733	+41 2988		0	0.0	+40310
+40311	0 1 0 0 2 0 0 1 0 0	5.47	K2	III	6793	24735	+36 3027		0	-0.5	+40311
+40312	0 2 0 0 3 0 0 2 0 0	8.60					+42 3007		0	0.0	+40312
+40313	0 1 0 0 2 0 0 1 0 0	4.34	K2	III	6872	25032	+36 3094		-2	0.2	+40313
+40314	0 1 0 0 2 0 0 0 0 0	6.31	K2		6901	25130	+38 3160		-2	-0.7	+40314
+40315	0 3 0 0 2 0 0 1 0 0							TW LYR	-2	0.3	+40315
+40316	0 1 0 0 4 0 0 1 0 0	7.05	M0			25134	+43 2970		-2	0.1	+40316
+40317	0 2 0 0 2 0 0 0 0 0	9.10					+38 3167		0	-0.1	+40317
+40318	0 2 0 0 2 0 0 2 0 0	8.90					+40 3385		1	-0.2	+40318
+40319	0 2 0 0 1 0 0 1 0 0	7.70	MA				+36 3157		0	-0.2	+40319
+40320	0 1 0 0 2 0 0 0 0 0	8.60					+38 3200	KP LYR	-1	-0.1	+40320
+40321	0 1 0 0 2 0 0 1 0 0	7.80	N3			25326	+36 3168	T LYR	-2	0.1	+40321
+40322	0 1 0 0 2 0 0 0 0 0	0.04	A0	V	7001	25466	+38 3238		-2	0.1	+40322
+40323	0 2 0 0 3 0 0 1 0 0	5.80	M4	C	7009	25502	+39 3476	XY LYR	0	0.6	+40323
+40324	0 3 0 0 2 0 0 1 0 0	8.40	MB				+40 3449		-2	0.2	+40324
+40325	0 2 0 0 1 0 0 1 0 0							HK LYR	0	0.0	+40325
+40326	0 2 0 0 2 0 0 0 0 0	6.32	K5		7041	25634	+39 3505		-1	-0.1	+40326
+40327	0 1 0 0 2 0 0 0 0 0	6.81	K5			25655	+38 3276		0	-0.3	+40327
+40328	0 1 0 0 4 0 0 1 0 0							RW LYR	0	0.0	+40328
+40329	0 2 0 0 4 0 0 2 0 0	6.62	M3			25926	+40 3512		-2	0.0	+40329
+40330R	0 1 0 0 2 0 0 2 0 0	6.86	K2			25932	+42 3184		-2	-0.1	+40330
+40331	0 1 0 0 1 0 0 1 0 0	4.30	M4	II	7139	25959	+36 3319	DEL2 LYR	-1	-0.2	+40331
+40332	0 1 0 0 2 0 0 2 0 0	8.40	MB				+42 3189		1	-0.2	+40332
+40333	0 2 0 0 3 0 0 2 0 0	5.46	G8	G	7146	25972	+41 3177		0	-0.1	+40333
+40334	0 1 0 0 4 0 0 1 0 0	4.00	M5	III	7157	25996	+43 3117	R LYR	-2	0.1	+40334
+40335	0 3 0 0 2 0 0 2 0 0	8.00	MA				+41 3200		0	-0.4	+40335
+40336	0 2 0 0 4 0 0 1 0 0	6.60	M1		7201	26130	+40 3555		0	0.4	+40336
+40337	0 2 0 0 2 0 0 1 0 0	7.90	K5				+39 3630		1	0.0	+40337
+40338	0 3 0 0 1 1 0 0 0 0	7.55	M3			26377	+38 3445		1	0.2	+40338
+40339	0 2 0 0 2 0 0 1 0 0	7.40	MA				+40 3624	RU LYR	1	1.1	+40339
+40340	0 2 0 0 2 0 0 1 0 0							BU LYR	0	-0.1	+40340
+40341	0 1 0 0 1 2 0 0 0 0	4.37	K0	II	7314	26585	+37 3398		-2	0.1	+40341
+40342	0 1 0 0 1 2 0 0 0 0	7.09	K5			26605	+38 3518		1	0.0	+40342
+40343	0 2 0 0 3 2 0 0 0 0	7.20	MA				+37 3403		1	0.4	+40343
+40344	0 2 0 0 3 0 0 1 0 0										+40344
+40345	0 1 0 0 3 2 0 0 0 0							U LYR	-2	0.2	+40345
+40346	0 0 0 0 2 0 0 1 0 0	8.10	A0				+35 3609		-11	1.5	+40346
+40347	0 2 0 0 2 0 0 1 0 0	8.00	K5			26841	+35 3614		-1	0.1	+40347
+40348	0 2 0 0 3 0 0 1 0 0							UV CYG	1	-0.1	+40348
+40349	0 2 0 0 2 0 0 1 0 0							HM CYG	-1	-0.5	+40349
+40350	0 1 0 0 2 0 0 1 0 0	7.50	MA				+43 3279		1	-0.1	+40350

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+40351	19	31	32	+43	34.5	1	1.87	0.2	3.4	2.94	0.08	1.50	6.27	0.08	8.50		3.33	0.11	I	6	2	+40351
+40352	19	35	34	+43	7.1	2	0.19	0.3	12.0	2.86	0.10	1.12	5.87	0.10	0.06		3.01	0.14		3	2	+40352
+40353	19	37	3	+37	53.5	1	7.00	0.3	1.3	2.68	0.05	1.75	6.35	0.05	2.97		3.67	0.07		7	5	+40353
+40354	19	37	48	+43	8.5	2	0.19	0.5	0.4	2.97	0.10	3.66	7.19	0.12	3.94		4.22	0.16		3	3	+40354
+40355	19	38	29	+43	47.0	1	1.12	0.2	3.0	1.71	0.04	5.06	6.14	0.05	8.12		4.43	0.06	I	6	5	+40355
+40356	19	39	5	+42	57.5	2	0.94	0.3	7.1	1.51	0.05	0.19	4.34	0.07	0.28		2.83	0.09		3	3	+40356
+40357	19	39	10	+36	36.6	2	0.31	0.3	0.3	2.53	0.06	5.78	7.41	0.10	8.91		4.88	0.12	I	5	5	+40357
+40358	19	39	51	+40	2.6	1	1.56	0.3	1.9	2.94	0.07	1.25	6.56	-	-	Q	3.62	-		5	5	+40358
+40359	19	40	5	+42	5.6	2	3.37	0.3	0.6	2.34	0.07	0.56	8.03	0.21	2.06		5.69	0.22		3	3	+40359
+40360	19	42	4	+41	38.8	1	1.12	0.2	4.1	1.92	0.05	1.31	4.48	0.07	0.37		2.56	0.09		6	4	+40360
+40361	19	42	28	+37	13.9	1	0.63	0.3	2.5	2.73	0.05	0.78	4.29	0.06	0.16		1.56	0.08		5	5	+40361
+40362	19	43	7	+40	36.1	1	4.00	0.2	2.5	1.49	0.03	0.75	4.43	0.05	1.25		2.94	0.06		8	8	+40362
+40363	19	43	46	+42	24.6	2	2.25	0.3	0.6	2.80	0.08	0.84	5.96	0.28	-		3.16	0.29		3	1	+40363
+40364	19	48	47	+38	35.8	1	0.63	0.3	1.6	0.71	0.05	2.66	3.33	0.04	1.25		2.62	0.06		5	5	+40364
+40365	19	48	59	+37	41.9	1	6.75	0.2	2.8	0.63	0.03	1.97	3.73	0.03	2.53		3.10	0.04		9	9	+40365
+40366	19	50	25	+36	18.5	2	2.81	0.3	0.6	2.77	0.07	3.28	5.10	0.06	0.25		2.33	0.09		5	2	+40366
+40367	19	54	52	+40	16.0	1	0.94	0.3	1.6	2.98	0.07	0.47	7.42	0.13	0.63		4.44	0.15		5	4	+40367
+40368	19	55	36	+44	7.9	2	0.19	0.5	1.5	1.36	0.06	0.09	5.49	0.07	2.94		4.13	0.09	I	3	2	+40368
+40369	19	56	29	+42	23.1	2	2.75	0.3	0.5	2.34	0.05	1.12	5.72	0.05	0.50		3.38	0.07		4	4	+40369
+40370	19	58	38	+36	59.4	1	0.75	0.3	1.5	2.56	0.05	1.50	6.49	0.09	0.06		3.93	0.10		4	2	+40370
+40371	19	58	39	+36	38.3	2	3.12	0.5	0.9	3.13	0.09	8.12	9.84	-	-	Q	6.71	-	K	5	3	+40371
+40372	19	58	50	+40	2.8	1	2.81	0.2	3.1	1.94	0.05	0.94	6.20	0.05	7.97		4.26	0.07	I	5	5	+40372
+40373	19	59	43	+43	4.5	2	1.12	0.3	0.1	2.84	0.11	0.19	5.77	0.07	0.06		2.93	0.13		2	2	+40373
+40374	20	0	2	+44	35.8	3	0.12	0.8	0.5	2.89	0.11	0.06	6.26	0.08	0.44		3.37	0.14		2	2	+40374
+40375	20	0	8	+43	58.8	2	0.19	0.3	3.2	2.72	0.07	0.37	5.39	0.07	0.87		2.67	0.10		3	2	+40375
+40376	20	1	41	+35	48.5	2	2.19	0.3	1.9	2.77	0.08	1.72	7.00	0.44	-		4.23	0.45		5	1	+40376
+40377	20	1	52	+38	11.0	1	1.12	0.3	0.4	2.64	0.05	1.12	5.50	0.04	1.50		2.86	0.06		6	6	+40377
+40378	20	1	59	+44	34.4	2	0.12	0.3	0.1	2.45	0.09	0.37	7.27	0.14	1.19		4.82	0.17		2	2	+40378
+40379	20	2	37	+40	18.1	1	1.87	0.2	1.9	1.60	0.04	1.41	5.98	0.05	5.16		4.38	0.06		5	5	+40379
+40380	20	2	38	+36	40.3	1	2.25	0.2	0.4	0.60	0.03	1.50	4.57	-	-	Q	3.97	-		6	5	+40380
+40381	20	3	20	+44	40.4	2	0.12	0.5	5.5	2.60	0.09	0.06	6.38	0.09	0.44		3.78	0.13		2	2	+40381
+40382	20	3	33	+41	25.0	2	1.31	0.3	0.9	2.66	0.07	0.19	5.94	0.07	0.56		3.28	0.10		3	3	+40382
+40383	20	5	37	+36	25.0	2	1.00	0.3	0.2	2.57	0.06	0.75	5.48	0.06	1.12		2.91	0.08		4	3	+40383
+40384	20	6	5	+41	30.7	2	0.75	0.3	1.3	2.94	0.08	1.31	7.88	0.18	0.28		4.94	0.20		3	3	+40384
+40385	20	6	19	+36	31.6	2	0.75	0.3	0.2	2.67	0.07	0.87	5.77	0.06	2.16		3.10	0.09		4	3	+40385
+40386	20	6	22	+41	45.5	2	1.69	0.3	1.1	2.22	0.06	2.25	7.19	0.20	-		4.97	0.21		3	1	+40386
+40387	20	6	53	+36	0.1	2	2.25	0.3	0.7	2.92	0.08	0.37	5.79	0.05	2.25		2.87	0.09		4	4	+40387
+40388	20	7	19	+36	47.0	2	4.25	0.5	0.2	3.00	0.08	0.75	5.38	-	-	Q	2.38	-		4	3	+40388
+40389	20	8	1	+41	21.4	2	0.56	0.5	0.2	2.92	0.09	0.19	7.60	0.15	0.66		4.68	0.17		3	3	+40389
+40390	20	8	14	+36	7.4	2	0.75	0.3	2.0	2.76	0.07	1.62	6.22	-	-	Q	3.46	-		4	4	+40390
+40391	20	8	31	+35	47.9	2	1.50	0.3	1.5	2.59	0.07	1.25	6.31	-	-	Q	3.72	-		4	4	+40391
+40392	20	9	5	+36	25.5	2	1.75	0.5	1.7	2.90	0.07	0.50	7.17	0.10	0.37		4.27	0.12		4	3	+40392
+40393	20	9	14	+35	58.1	2	0.75	0.3	1.2	2.38	0.05	1.25	6.76	0.08	1.87		4.38	0.09		4	3	+40393
+40394	20	9	32	+35	33.8	2	0.25	0.5	0.5	2.79	0.07	0.87	7.29	0.10	0.12		4.50	0.12		4	4	+40394
+40395	20	11	29	+41	18.1	2	2.06	0.3	0.4	2.31	0.07	2.25	7.80	0.17	0.75		5.49	0.18		3	3	+40395
+40396	20	11	31	+37	35.6	1	4.50	0.3	2.5	2.77	0.06	3.25	6.61	0.05	3.50		3.84	0.08		8	8	+40396
+40397	20	11	34	+38	34.3	1	4.81	0.2	3.9	1.18	0.04	3.72	4.85	0.06	4.75		3.67	0.07		7	4	+40397
+40398	20	12	1	+43	13.4	2	2.44	0.3	1.1	2.69	0.07	0.56	4.96	0.06	0.31		2.27	0.09		3	2	+40398
+40399	20	12	3	+44	27.9	2	0.12	0.3	0.4	2.93	0.09	0.06	7.73	0.20	0.75		4.80	0.22		2	2	+40399
+40400	20	12	8	+39	14.7	1	5.94	0.3	0.9	2.55	0.05	1.87	7.06	0.08	2.50		4.51	0.09		5	5	+40400

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+40351	0 2 0 0 3 0 0 1 0 0	8.30					+43	3281		1	-0.1	+40351
+40352	0 1 0 0 2 0 0 0 0 0	8.20	MA				+42	3398		1	-1.4	+40352
+40353	0 2 0 0 2 2 0 1 0 0											+40353
+40354	0 1 0 0 2 0 0 0 0 0											+40354
+40355	0 2 0 0 3 0 0 1 0 0								V462 CYG	1	0.1	+40355
+40356	0 1 0 0 2 0 0 0 0 0	6.22	M2	G	7492	27240	+42	3419		1	-0.1	+40356
+40357	0 2 0 0 2 0 0 1 0 0											+40357
+40358	0 1 0 0 1 2 0 1 0 0											+40358
+40359	0 1 0 0 1 0 0 1 0 0											+40359
+40360	0 3 0 0 1 0 0 2 0 0	5.86	MO	G	7514	27315	+41	3469		-1	-0.4	+40360
+40361	0 2 0 0 2 0 0 1 0 0	4.86	G8	III	7517	27328	+37	3586		0	-0.1	+40361
+40362	0 2 0 0 3 2 0 1 0 0	6.26	M3	III	7523	27341	+40	3866		0	0.4	+40362
+40363	0 1 0 0 1 0 0 1 0 0	8.80					+42	3444		-2	-0.4	+40363
+40364	0 2 0 0 1 2 0 0 0 0	5.24	M2	G	7566	27486	+38	3780		0	0.2	+40364
+40365	0 2 0 0 4 2 0 1 0 0	6.19	M3	G	7568	27498	+37	3636	NR CYG	0	0.0	+40365
+40366	0 2 0 0 2 0 0 1 0 0	6.30	K4	III	7583	27528	+36	3744		-1	0.4	+40366
+40367	0 1 0 0 1 2 0 1 0 0											+40367
+40368	0 1 0 0 2 0 0 0 0 0								AX CYG	0	0.4	+40368
+40369	0 1 0 0 1 0 0 2 0 0	8.60	MA				+42	3544		-1	-0.4	+40369
+40370	0 1 0 0 2 0 0 1 0 0	8.80					+36	3812		-3	-0.1	+40370
+40371	0 1 0 0 3 0 0 1 0 0											+40371
+40372	0 1 0 0 1 2 0 1 0 0								AH CYG	-2	0.2	+40372
+40373	0 1 0 0 1 0 0 0 0 0	7.50	MA				+42	3563		0	-0.8	+40373
+40374	0 1 0 0 1 0 0 0 0 0	8.90	MB				+44	3315		-2	-0.3	+40374
+40375	0 1 0 0 2 0 0 0 0 0	7.28	MO			27774	+43	3457		0	0.0	+40375
+40376	0 2 0 0 2 0 0 1 0 0											+40376
+40377	0 2 0 0 2 2 0 0 0 0	7.52	MO			27834	+37	3744		1	-0.1	+40377
+40378	0 1 0 0 1 0 0 0 0 0											+40378
+40379	0 1 0 0 1 2 0 1 0 0								GN CYG	-1	0.2	+40379
+40380	0 2 0 0 3 0 0 1 0 0	8.40	NP				+36	3852	AA CYG	1	-0.2	+40380
+40381	0 1 0 0 1 0 0 0 0 0	8.40	KO				+44	3335		0	0.0	+40381
+40382	0 1 0 0 1 0 0 1 0 0	8.10	MA				+41	3603		1	-0.1	+40382
+40383	0 1 0 0 2 0 0 1 0 0	7.70	K5				+36	3883		1	-0.3	+40383
+40384	0 1 0 0 1 0 0 1 0 0								V426 CYG	-1	0.1	+40384
+40385	0 1 0 0 2 0 0 1 0 0	7.40	MA				+36	3892		0	0.2	+40385
+40386	0 1 0 0 1 0 0 1 0 0											+40386
+40387	0 1 0 0 2 0 0 1 0 0	7.30	K5				+35	3985		-2	0.1	+40387
+40388	0 1 0 0 2 0 0 1 0 0											+40388
+40389	0 1 0 0 1 0 0 1 0 0								AY CYG	0	0.7	+40389
+40390	0 1 0 0 2 0 0 1 0 0	7.80					+35	3999		0	-0.2	+40390
+40391	0 1 0 0 2 0 0 1 0 0								RY CYG	0	-0.1	+40391
+40392	0 1 0 0 2 0 0 1 0 0								V428 CYG	0	-0.4	+40392
+40393	0 1 0 0 2 0 0 1 0 0								V429 CYG	0	0.3	+40393
+40394	0 1 0 0 2 0 0 1 0 0								V430 CYG	-2	0.3	+40394
+40395	0 1 0 0 1 0 0 1 0 0								V431 CYG	1	-0.1	+40395
+40396	0 1 0 0 4 2 0 1 0 0											+40396
+40397	0 2 0 0 2 3 0 0 0 0	6.80	NOE			28087	+38	3957	RS CYG	-2	-0.4	+40397
+40398	0 1 0 0 2 0 0 0 0 0	6.11	K4	III	7733	28098	+42	3642		-2	-0.2	+40398
+40399	0 1 0 0 1 0 0 0 0 0											+40399
+40400	0 1 0 0 2 2 0 0 0 0											+40400

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCFSS	NK	NI	NO.
+40401	20	15	8	+40	13.0	1	8.62	0.2	0.7	1.45	0.03	1.87	3.91	0.05	0.37		2.46	0.06		6	6	+40401
+40402	20	15	46	+42	33.6	2	2.06	0.3	0.2	2.48	0.08	0.09	5.03	0.05	0.47		2.55	0.09		3	3	+40402
+40403	20	16	44	+37	17.9	2	1.25	0.3	0.6	2.27	0.05	3.75	7.23	0.10	5.37		4.96	0.11		5	4	+40403
+40404	20	17	8	+38	50.6	1	7.00	0.2	0.5	1.81	0.04	9.00	4.76	0.04	3.94		2.95	0.06		8	7	+40404
+40405	20	17	29	+36	34.4	2	2.50	0.5	1.5	2.88	0.09	0.37	7.74	0.15	-		4.86	0.17		4	1	+40405
+40406	20	19	21	+35	27.6	1	0.75	0.3	1.5	1.61	0.04	0.37	6.27	0.06	1.00		4.66	0.07		4	4	+40406
+40407	20	19	26	+38	2.8	2	2.50	0.3	0.7	2.85	0.08	0.37	8.34	0.26	0.75		5.49	0.27		4	3	+40407
+40408	20	19	29	+36	46.6	1	1.25	0.3	0.7	0.62	0.04	2.37	5.45	0.05	2.62		4.83	0.06		4	4	+40408
+40409	20	19	47	+37	22.1	1	31.88	0.2	2.5	0.17	0.04	4.06	5.15	0.03	7.31		4.98	0.05		10	9	+40409
+40410	20	19	48	+40	17.5	1	7.00	0.2	9.0	0.83	0.03	2.50	4.73	0.07	0.37		3.90	0.08		8	3	+40410
+40411	20	20	28	+40	6.0	1	16.00	0.3	3.5	0.70	0.03	1.75	*	-	-		-	-		8	0*	+40411
+40412	20	20	59	+40	52.0	1	3.94	0.3	2.2	1.93	0.06	0.66	4.54	0.08	0.09		2.61	0.10		7	3	+40412
+40413	20	21	14	+36	41.9	2	0.50	0.3	0.5	2.85	0.07	0.63	9.34	0.81	-		6.49	0.81		4	1	+40413
+40414	20	23	36	+40	42.6	1	1.75	0.3	2.2	2.49	0.05	0.44	6.78	-	-	Q	4.29	-		7	7	+40414
+40415	20	24	7	+38	11.0	1	2.50	0.3	1.2	0.28	0.04	7.19	6.00	0.05	2.37		5.72	0.06		5	4	+40415
+40416	20	24	16	+40	58.4	2	0.94	0.3	1.3	2.42	0.06	0.56	7.79	0.21	0.06		5.37	0.22		3	2	+40416
+40417	20	24	53	+38	5.3	1	4.50	0.3	12.4	2.32	0.05	0.37	6.77	0.07	0.94		4.45	0.09		6	5	+40417
+40418	20	25	16	+36	23.2	2	0.75	0.3	0.2	1.73	0.05	1.00	5.94	0.05	0.87		4.21	0.07		4	4	+40418
+40419	20	25	35	+35	56.4	2	0.50	0.3	1.0	2.92	0.07	1.75	7.94	0.19	0.47		5.02	0.20		4	3	+40419
+40420	20	25	36	+40	55.0	1	2.50	0.3	2.2	1.84	0.05	28.75	7.12	0.14	16.00		5.28	0.15	K,I	5	2	+40420
+40421	20	25	40	+35	23.1	1	1.25	0.3	0.2	2.85	0.07	0.37	8.05	0.16	2.25		5.20	0.17		4	4	+40421
+40422	20	26	37	+37	37.1	1	2.25	0.2	6.8	1.80	0.03	4.50	5.08	0.03	3.00		3.28	0.04		9	8	+40422
+40423	20	26	43	+41	42.8	2	1.69	0.3	0.9	2.72	0.07	0.47	6.75	-	-	Q	4.03	-		3	3	+40423
+40424	20	27	0	+39	49.3	1	4.81	0.2	2.2	0.55	0.04	1.75	4.86	0.04	6.12		4.31	0.06		7	7	+40424
+40425	20	28	35	+36	41.5	1	1.87	0.3	3.8	2.61	0.05	1.56	8.50	0.45	-		5.89	0.45		5	1	+40425
+40426	20	28	55	+44	45.5	2	0.50	0.3	0.1	2.35	0.08	0.06	7.28	0.19	-		4.93	0.21		2	1	+40426
+40427	20	29	41	+40	29.1	1	6.00	0.2	3.0	2.44	0.04	3.50	8.34	0.24	1.25		5.90	0.24		8	4	+40427
+40428	20	29	47	+39	42.6	1	6.12	0.2	1.7	2.16	0.04	5.03	5.85	-	-	Q	3.69	-		7	7	+40428
+40429	20	30	14	+35	17.2	1	1.25	0.3	1.2	1.83	0.05	0.50	6.83	0.09	0.37		5.00	0.10		4	3	+40429
+40430	20	30	49	+41	4.8	2	2.62	0.5	0.9	2.80	0.10	0.37	7.52	0.17	0.06		4.72	0.20		3	2	+40430
+40431	20	31	7	+40	35.1	1	14.00	0.2	10.0	1.14	0.03	3.25	7.55	0.10	1.12		6.41	0.10		8	3	+40431
+40432R	20	31	50	+38	30.0	1	1.87	0.3	1.2	2.26	0.05	0.63	8.07	0.19	0.37		5.81	0.20		5	4	+40432
+40433	20	31	57	+35	5.0	2	0.50	0.3	1.0	0.72	0.04	0.63	3.07	0.04	0.75		2.35	0.06		4	4	+40433
+40434	20	32	14	+42	15.2	1	9.00	0.3	1.0	1.14	0.04	0.12	8.43	0.29	0.47		7.29	0.29		4	3	+40434
+40435	20	35	3	+37	42.1	1	3.50	0.2	2.0	2.37	0.04	23.50	8.47	0.18	2.75		6.10	0.18	K	8	8	+40435
+40436	20	35	39	+36	40.3	2	9.25	0.3	8.0	2.33	0.05	4.12	7.43	0.11	3.00		5.10	0.12		4	4	+40436
+40437	20	36	58	+37	42.8	1	5.00	0.2	2.5	2.35	0.04	14.00	6.75	0.05	20.75		4.40	0.06	K,I	8	8	+40437
+40438	20	37	15	+44	55.1	2	4.50	0.5	5.1	2.99	0.12	0.19	7.93	0.11	1.56		4.94	0.16		3	2	+40438
+40439R	20	37	43	+39	1.5	1	5.31	0.2	1.2	1.70	0.04	1.25	8.71	0.34	0.09		7.01	0.34		5	3	+40439
+40440	20	39	24	+40	55.8	2	2.81	0.3	0.6	2.88	0.06	1.25	7.44	0.12	0.12		4.56	0.13		5	4	+40440
+40441	20	40	39	+38	31.5	1	0.63	0.3	0.6	2.29	0.05	3.75	7.13	0.08	1.87		4.84	0.09		5	5	+40441
+40442R	20	41	36	+43	1.0	2	0.56	0.3	0.6	1.34	0.05	5.81	7.65	0.15	9.00		6.31	0.16	K,I	3	3	+40442
+40443	20	41	46	+37	58.9	1	1.12	0.2	1.1	2.72	0.05	22.88	7.05	0.07	48.00		4.33	0.09	K,I	6	6	+40443
+40444	20	41	59	+44	17.6	2	0.50	0.3	0.2	2.31	0.08	0.06	8.48	0.47	-		6.17	0.48		2	1	+40444
+40445R	20	43	7	+40	14.1	1	1.56	0.2	0.6	2.45	0.05	4.84	5.79	-	-	Q	3.34	-		5	5	+40445
+40446	20	43	28	+42	9.0	1	1.00	0.3	1.0	2.11	0.05	0.75	7.18	-	-	Q	5.07	-		4	4	+40446
+40447	20	44	20	+44	41.8	2	0.37	0.5	2.1	2.61	0.09	1.31	6.62	-	-	Q	4.01	-		2	2	+40447
+40448R	20	44	33	+39	56.1	1	7.19	0.3	1.6	0.62	0.03	1.56	8.79	0.36	0.28		8.17	0.36		5	3	+40448
+40449	20	45	2	+39	41.5	1	5.94	0.3	0.3	2.49	0.05	0.63	8.17	0.24	1.78		5.68	0.25		5	3	+40449
+40450	20	45	35	+35	41.9	1	3.75	0.2	2.3	2.31	0.05	2.25	6.50	0.06	1.87		4.19	0.08		6	5	+40450

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	OTHER CATALOGS BS=HR	GC	DM	VAR	DA S	DD M	NO.
+40401	0 1 0 0 1 3 0 1 0 0	5.23	K5	II	7759	28197	+39 4114		0	0.4	+40401
+40402	0 1 0 0 1 0 0 1 0 0	6.31	K4	II	7762	28214	+42 3670		-1	-0.3	+40402
+40403	0 2 0 0 2 0 0 1 0 0	8.90					+37 3875	WX CYG	8	0.1	+40403
+40404	0 3 0 0 2 3 0 0 0 0	6.73	K2			28255	+38 4003		-1	-0.2	+40404
+40405	0 1 0 0 2 0 0 1 0 0	7.80	F2				+36 4005		-14	-1.3	+40405
+40406	0 1 0 0 2 0 0 1 0 0										+40406
+40407	0 1 0 0 1 2 0 0 0 0										+40407
+40408	0 1 0 0 2 0 0 1 0 0							BI CYG	0	0.3	+40408
+40409	0 2 0 0 3 2 0 3 0 0							BC CYG	0	-0.3	+40409
+40410	0 2 0 0 1 3 0 2 0 0	8.10	MC				+39 4152	V405 CYG	-1	0.3	+40410
+40411	0 2 0 0 2 2 0 2 0 0	2.23	F8	II	7796	28338	+39 4159		1	0.3	+40411
+40412	0 1 0 0 2 3 0 1 0 0	5.94	M0	G	7800	28356	+40 4141		0	0.1	+40412
+40413	0 1 0 0 2 0 0 1 0 0										+40413
+40414	0 1 0 0 2 3 0 1 0 0							V440 CYG	0	-1.0	+40414
+40415	0 1 0 0 1 2 0 1 0 0							KY CYG	1	-0.3	+40415
+40416	0 1 0 0 1 0 0 1 0 0										+40416
+40417	0 2 0 0 1 2 0 1 0 0										+40417
+40418	0 1 0 0 2 0 0 1 0 0							V441 CYG	1	-0.1	+40418
+40419	0 1 0 0 2 0 0 1 0 0										+40419
+40420	0 1 0 0 2 1 0 1 0 0							KZ CYG	0	0.5	+40420
+40421	0 1 0 0 2 0 0 1 0 0										+40421
+40422	0 1 0 0 3 2 0 3 0 0	7.50	MA				+37 3946		1	-0.2	+40422
+40423	0 1 0 0 1 0 0 1 0 0										+40423
+40424	0 1 0 0 2 3 0 1 0 0	8.80	A0				+39 4206	RW CYG	4	2.2	+40424
+40425	0 1 0 0 3 0 0 1 0 0										+40425
+40426	0 1 0 0 1 0 0 0 0 0							V506 CYG	-14	-0.4	+40426
+40427	0 1 0 0 3 2 0 2 0 0										+40427
+40428	0 1 0 0 2 3 0 1 0 0	8.90	MC				+39 4223		0	0.0	+40428
+40429	0 1 0 0 2 0 0 1 0 0							V397 CYG	-2	0.1	+40429
+40430	0 1 0 0 1 0 0 1 0 0										+40430
+40431	0 1 0 0 3 2 0 2 0 0										+40431
+40432R	0 1 0 0 1 2 0 1 0 0	8.20	A0				+38 4150		-11	-1.0	+40432
+40433	0 1 0 0 2 0 0 1 0 0	4.63	K2	II	7866	28630	+34 4079		-1	0.3	+40433
+40434	0 2 0 0 1 0 0 1 0 0										+40434
+40435	0 1 0 0 3 2 0 2 0 0										+40435
+40436	0 1 0 0 2 0 0 1 0 0										+40436
+40437	0 1 0 0 3 2 0 2 0 0							FF CYG	-2	0.1	+40437
+40438	0 2 0 0 1 0 0 0 0 0										+40438
+40439R	0 1 0 0 1 2 0 1 0 0										+40439
+40440	0 1 0 0 2 0 0 2 0 0										+40440
+40441	0 1 0 0 1 2 0 1 0 0							V446 CYG	-3	0.1	+40441
+40442R	0 2 0 0 1 0 0 0 0 0							DG CYG	-2	0.1	+40442
+40443	0 1 0 0 1 3 0 1 0 0							DR CYG	-1	0.5	+40443
+40444	0 1 0 0 1 0 0 0 0 0										+40444
+40445R	0 1 0 0 1 2 0 1 0 0	8.70	MA				+39 4302		0	0.4	+40445
+40446	0 2 0 0 1 0 0 1 0 0										+40446
+40447	0 1 0 0 1 0 0 0 0 0							RR CYG	-2	0.6	+40447
+40448R	0 1 0 0 1 2 0 1 0 0										+40448
+40449	0 1 0 0 1 2 0 1 0 0										+40449
+40450	0 2 0 0 3 0 0 1 0 0							V375 CYG	3	-0.2	+40450

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+40451	20	46	53	+40	49.0	1	2.62	0.3	7.4	2.20	0.06	0.87	6.96	-	-	Q	4.76	-		7	7	+40451
+40452	20	47	14	+35	22.7	1	3.75	0.3	1.2	2.42	0.06	1.25	5.06	0.05	0.84		2.64	0.08		4	3	+40452
+40453	20	47	53	+38	21.9	1	0.37	0.3	6.4	2.95	0.06	4.31	6.24	0.05	1.56		3.29	0.08		6	5	+40453
+40454	20	48	10	+37	18.9	2	0.25	0.3	0.5	2.59	0.07	2.75	7.43	0.11	1.12		4.84	0.13		4	4	+40454
+40455	20	48	38	+36	52.8	2	5.00	0.3	0.2	2.46	0.06	0.87	5.83	0.05	1.87		3.37	0.08		4	4	+40455
+40456	20	48	49	+39	38.3	1	6.75	0.2	3.0	2.64	0.05	3.75	8.82	0.18	3.59		6.18	0.19		6	5	+40456
+40457	20	51	23	+39	15.2	1	0.94	0.3	0.6	2.92	0.06	3.28	6.74	-	-	Q	3.82	-		5	5	+40457
+40458	20	56	6	+44	35.5	3	0.25	0.8	0.1	1.23	0.06	0.06	4.69	0.08	0.37		3.46	0.10		2	2	+40458
+40459	20	57	23	+36	33.5	1	1.87	0.3	4.9	2.75	0.06	7.69	5.85	0.04	4.12		3.10	0.07		6	6	+40459
+40460	21	0	2	+40	15.1	1	1.12	0.3	0.7	2.95	0.06	1.31	7.40	0.16	0.06		4.45	0.17		6	2	+40460
+40461	21	0	5	+35	7.1	2	0.75	0.3	2.8	2.82	0.07	2.12	7.23	0.10	6.00		4.41	0.12		4	4	+40461
+40462	21	0	21	+44	12.6	2	0.19	0.3	1.3	2.68	0.07	3.94	6.61	0.08	0.84		3.93	0.11		3	3	+40462
+40463	21	0	26	+39	18.5	1	1.87	0.3	8.2	2.86	0.06	1.69	5.39	0.04	1.56		2.53	0.07		6	5	+40463
+40464	21	0	35	+44	35.6	2	0.12	0.5	0.4	0.88	0.05	0.19	3.82	0.08	1.00		2.94	0.09		2	2	+40464
+40465	21	2	19	+37	38.8	1	3.94	0.2	2.8	2.79	0.05	4.22	7.84	0.11	3.09		5.05	0.12		9	9	+40465
+40466	21	2	43	+37	4.6	2	1.25	0.3	3.1	2.62	0.07	17.34	9.36	0.34	3.69		6.74	0.35	K,I	5	2	+40466
+40467R	21	2	44	+42	14.4	1	10.94	0.3	0.3	2.79	0.06	3.75	5.83	-	-	Q	3.04	-		5	5	+40467
+40468	21	3	5	+43	43.6	1	6.00	0.3	1.2	-0.09	0.05	0.75	*	-	-		-	-		4	0*	+40468
+40469	21	4	44	+38	31.1	1	3.37	0.2	4.5	1.71	0.04	2.06	3.39	0.10	-		1.68	0.11		6	1	+40469
+40470	21	5	1	+37	35.1	1	2.25	0.3	4.5	2.88	0.05	4.78	7.40	0.08	3.37		4.52	0.09		9	9	+40470
+40471	21	5	10	+38	22.0	1	4.50	0.3	5.3	2.65	0.05	4.12	6.46	0.07	1.75		3.81	0.09		6	4	+40471
+40472	21	8	24	+39	28.4	1	2.25	0.3	0.4	2.95	0.07	1.69	8.25	0.19	1.09		5.30	0.20		6	5	+40472
+40473	21	8	58	+43	59.3	2	2.06	0.3	2.3	2.97	0.09	1.22	6.62	-	-	Q	3.65	-		3	3	+40473
+40474	21	9	41	+39	49.9	1	2.19	0.3	1.7	2.43	0.05	1.09	5.77	0.04	1.75		3.34	0.06		7	7	+40474
+40475	21	12	47	+37	49.9	1	3.12	0.3	2.5	2.69	0.06	0.94	3.54	0.03	4.37		0.85	0.07		10	10	+40475
+40476	21	14	49	+36	37.6	2	0.63	0.3	0.9	2.76	0.07	0.47	7.70	0.24	-		4.94	0.25		5	1	+40476
+40477	21	14	57	+40	50.9	2	11.81	0.3	1.3	2.94	0.08	0.66	8.94	0.29	0.66		6.00	0.30		7	7	+40477
+40478	21	20	35	+42	10.5	2	1.12	0.3	4.3	2.61	0.07	2.62	7.15	0.12	2.00		4.54	0.14		3	2	+40478
+40479	21	20	53	+40	43.3	1	6.56	0.2	6.1	-0.66	0.04	1.53	3.13	0.04	9.62		3.79	0.06		7	7	+40479
+40480	21	21	6	+35	1.9	2	0.37	0.3	0.2	2.81	0.08	1.03	7.16	0.11	0.19		4.35	0.14		3	3	+40480
+40481	21	24	11	+39	58.5	1	6.37	0.2	0.7	2.20	0.04	3.94	6.58	0.05	6.37		4.38	0.06		6	6	+40481
+40482	21	24	12	+35	37.6	2	0.19	0.3	0.7	1.79	0.05	0.28	5.14	0.05	1.22		3.35	0.07		3	3	+40482
+40483	21	25	23	+36	29.0	2	6.50	0.3	1.0	2.97	0.11	17.63	11.24	-	-	Q	8.27	-	K	4	1	+40483
+40484	21	31	20	+43	41.6	2	1.00	0.3	2.5	2.66	0.07	0.75	7.72	0.15	0.47		5.06	0.17		4	3	+40484
+40485R	21	32	5	+38	51.0	1	2.19	0.3	5.7	2.04	0.04	16.84	8.71	0.31	1.37		6.67	0.31	K	7	4	+40485
+40486	21	32	45	+38	18.1	2	12.81	0.3	15.3	2.57	0.06	1.87	4.19	0.06	1.12		1.62	0.08		5	4	+40486
+40487	21	37	37	+44	57.4	2	0.25	0.3	0.1	1.70	0.08	0.44	5.51	0.07	1.00		3.81	0.11		2	2	+40487
+40488	21	38	13	+43	2.8	2	0.63	0.3	0.7	0.98	0.06	0.12	3.51	0.07	0.06		2.53	0.09		2	2	+40488
+40489	21	39	56	+35	17.2	1	4.69	0.2	2.2	0.23	0.05	1.56	3.85	0.05	6.56		3.62	0.07		5	5	+40489
+40490	21	41	6	+40	55.4	2	0.56	0.3	0.2	1.31	0.05	1.03	3.86	0.07	0.09		2.55	0.09		3	3	+40490
+40491	21	41	11	+37	46.9	1	3.00	0.2	2.0	0.36	0.04	3.75	4.47	0.05	4.16		4.11	0.06		8	7	+40491
+40492	21	42	46	+43	11.5	2	1.00	0.7	0.1	2.92	0.10	0.63	5.90	0.10	-		2.98	0.14		2	1	+40492
+40493	21	44	40	+37	25.4	1	1.31	0.3	3.5	2.26	0.04	1.97	5.30	0.04	6.56		3.04	0.06		7	7	+40493
+40494	21	45	59	+36	21.0	2	1.25	0.3	0.5	2.32	0.06	0.50	4.85	0.05	2.75		2.53	0.08		4	4	+40494
+40495	21	46	8	+42	6.4	2	2.44	0.3	0.4	2.17	0.06	1.03	5.53	0.06	1.78		3.36	0.08		3	3	+40495
+40496	21	46	41	+44	0.7	2	0.12	0.5	0.1	2.60	0.10	1.19	6.64	0.10	16.00		4.04	0.14	I	2	2	+40496
+40497	21	46	47	+39	42.9	1	2.62	0.3	3.4	3.08	0.06	14.25	8.55	0.24	5.25		5.47	0.25	K	6	6	+40497
+40498	21	55	9	+39	40.9	1	0.94	0.2	0.3	1.43	0.03	1.09	5.15	0.04	1.56		3.72	0.05		5	5	+40498
+40499	21	56	52	+35	22.5	2	0.19	0.3	0.7	2.65	0.09	0.47	7.23	0.12	1.22		4.58	0.15		3	3	+40499
+40500	22	0	3	+36	45.0	1	8.62	0.3	6.8	2.32	0.05	1.31	4.92	0.08	-		2.60	0.09		6	1	+40500

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
+40451	0 1 0 0 3 2 0 1 0 0										+40451
+40452	0 1 0 0 2 0 0 1 0 0	6.70	K5			29034	+35 4282		0	0.1	+40452
+40453	0 1 0 0 1 3 0 1 0 0	8.20					+38 4244		0	-0.1	+40453
+40454	0 1 0 0 2 0 0 1 0 0										+40454
+40455	0 1 0 0 2 0 0 1 0 0	8.70	MB				+36 4272		4	-0.2	+40455
+40456	0 1 0 0 1 2 0 2 0 0										+40456
+40457	0 1 0 0 1 2 0 1 0 0										+40457
+40458	0 1 0 0 1 0 0 0 0 0	8.00	MA				+44 3649		-1	-0.1	+40458
+40459	0 2 0 0 3 0 0 1 0 0	8.20	MB				+36 4355		0	0.4	+40459
+40460	0 1 0 0 1 2 0 2 0 0										+40460
+40461	0 1 0 0 2 0 0 1 0 0							V523 CYG	1	0.2	+40461
+40462	0 1 0 0 2 0 0 0 0 0							V354 CYG	-1	-0.1	+40462
+40463	0 1 0 0 1 3 0 1 0 0	6.54	K2			29378	+38 4321		0	-0.2	+40463
+40464	0 1 0 0 1 0 0 0 0 0	6.20	M3	II	8062	29388	+44 3679		-2	0.0	+40464
+40465	0 1 0 0 4 2 0 2 0 0										+40465
+40466	0 2 0 0 2 0 0 1 0 0							GR CYG	1	0.0	+40466
+40467R	0 2 0 0 2 0 0 1 0 0	8.40	MA				+41 3991		0	-0.2	+40467
+40468	0 2 0 0 2 0 0 0 0 0	3.72	K5	II	8079	29459	+43 3800		-2	0.0	+40468
+40469	0 1 0 0 1 3 0 1 0 0	5.19	K5	V	8085	29509	+38 4343		5	1.0	+40469
+40470	0 1 0 0 4 2 0 2 0 0	8.90					+37 4181		-14	0.1	+40470
+40471	0 1 0 0 1 3 0 1 0 0	7.90					+37 4179	V471 CYG	12	1.8	+40471
+40472	0 1 0 0 1 2 0 2 0 0										+40472
+40473	0 2 0 0 1 0 0 0 0 0							V579 CYG	-2	0.8	+40473
+40474	0 1 0 0 1 3 0 2 0 0	7.80	MA				+39 4475		0	0.0	+40474
+40475	0 1 0 0 5 2 0 2 0 0	3.69	F0	IV	8130	29723	+37 4240		-1	0.0	+40475
+40476	0 1 0 0 2 0 0 2 0 0	9.10					+36 4496		13	-1.1	+40476
+40477	0 1 0 0 2 2 0 2 0 0										+40477
+40478	0 1 0 0 1 0 0 1 0 0							YY CYG	1	-0.4	+40478
+40479	0 1 0 0 2 2 0 2 0 0	7.28	M3			29941	+40 4502		1	0.1	+40479
+40480	0 1 0 0 1 0 0 1 0 0										+40480
+40481	0 1 0 0 2 2 0 1 0 0										+40481
+40482	0 1 0 0 1 0 0 1 0 0	7.70	MA				+35 4526		-2	0.3	+40482
+40483	0 1 0 0 2 0 0 1 0 0										+40483
+40484	0 2 0 0 2 0 0 0 0 0										+40484
+40485R	0 2 0 0 2 2 0 1 0 0										+40485
+40486	0 1 0 0 2 2 0 0 0 0	4.91	K1	III	8255	30219	+37 4359		1	-0.4	+40486
+40487	0 1 0 0 1 0 0 0 0 0	8.70	MB				+44 3895	V539 CYG	-2	0.0	+40487
+40488	0 1 0 0 1 0 0 0 0 0	6.20	M1	III	8284	30338	+42 4177		0	0.0	+40488
+40489	0 2 0 0 2 0 0 1 0 0	6.03	C6		8297	30384	+34 4500	V460 CYG	1	0.4	+40489
+40490	0 1 0 0 2 0 0 0 0 0	5.39	M2	G	8306	30412	+40 4623		0	-0.2	+40490
+40491	0 1 0 0 3 3 0 1 0 0	7.10	N5			30416	+37 4407	RV CYG	-2	-0.4	+40491
+40492	0 1 0 0 1 0 0 0 0 0	7.80	K5				+42 4195		0	-0.4	+40492
+40493	0 1 0 0 3 2 0 1 0 0	7.00	MA				+36 4679		-1	-0.2	+40493
+40494	0 1 1 0 1 0 0 1 0 0	6.44	K5		8336	30527	+35 4643		-3	0.1	+40494
+40495	0 1 0 0 1 0 0 1 0 0	7.60	K5				+41 4274		-1	-0.1	+40495
+40496	0 1 0 0 1 0 0 0 0 0							WY CYG	-3	-0.3	+40496
+40497	0 1 0 0 2 2 0 1 0 0										+40497
+40498	0 1 0 0 2 2 0 0 0 0	8.20	MA				+39 4720		-2	0.0	+40498
+40499	0 1 0 0 1 0 0 1 0 0										+40499
+40500	0 2 1 0 2 0 0 1 0 0	7.18	M3			30831	+36 4743		-5	0.5	+40500

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+40501	22	3	29	+35	6.0	2	0.50	0.3	0.1	-0.55	0.07	0.81	3.90	0.09	0.12		4.45	0.11		2	2	+40501
+40502	22	3	59	+44	46.4	2	2.19	0.3	0.3	1.23	0.06	0.16	3.71	0.09	-		2.48	0.11		5	1	+40502
+40503	22	5	20	+37	29.9	1	4.50	0.2	9.0	2.75	0.05	1.69	6.95	0.06	29.31		4.20	0.08	I	9	7	+40503
+40504	22	9	37	+38	10.0	1	4.12	0.3	1.5	2.67	0.05	0.56	5.53	0.04	3.56		2.86	0.06		6	6	+40504
+40505R	22	10	29	+38	18.7	1	3.44	0.3	5.9	2.97	0.07	3.75	6.28	-	-	Q	3.31	-		5	5	+40505
+40506	22	11	43	+39	28.2	1	2.19	0.2	5.3	1.25	0.03	7.44	3.35	0.04	0.22		2.10	0.05		7	7	+40506
+40507	22	13	48	+37	30.1	1	2.50	0.2	4.4	0.94	0.03	3.44	2.97	0.03	4.50		2.03	0.04		10	8	+40507
+40508	22	22	13	+36	5.4	1	0.37	0.3	0.6	2.17	0.06	1.41	6.41	0.07	3.84		4.24	0.09		3	3	+40508
+40509	22	24	48	+44	30.1	2	0.37	0.3	0.1	2.64	0.10	0.19	7.49	0.15	0.06		4.85	0.18		2	2	+40509
+40510	22	25	57	+43	51.9	2	0.19	0.3	0.4	2.31	0.08	0.47	5.18	0.05	1.50		2.87	0.09		3	3	+40510
+40511	22	26	1	+35	18.1	2	0.63	0.5	0.2	1.71	0.08	0.63	5.83	0.09	1.81		4.12	0.12		2	2	+40511
+40512	22	26	50	+40	4.4	1	2.19	0.3	7.4	2.51	0.05	17.72	6.97	0.07	48.00		4.46	0.09	K,I	7	6	+40512
+40513	22	28	10	+37	17.1	2	0.75	0.5	3.0	2.83	0.10	0.37	7.07	0.10	0.75		4.24	0.14		3	3	+40513
+40514	22	33	50	+36	30.5	2	0.19	0.3	0.7	2.47	0.08	0.37	5.41	0.07	0.56		2.94	0.11		3	3	+40514
+40515	22	37	53	+40	24.7	1	7.50	0.2	3.8	1.68	0.03	3.44	4.77	0.03	7.50		3.09	0.04		10	10	+40515
+40516	22	38	19	+44	0.7	2	0.50	0.3	0.5	1.41	0.07	0.06	3.46	0.07	0.06		2.05	0.10		2	2	+40516
+40517	22	38	46	+36	0.6	2	1.75	0.3	0.7	2.37	0.07	0.25	5.09	0.05	2.44		2.72	0.09		4	3	+40517
+40518	22	39	32	+42	17.0	2	2.44	0.5	0.6	2.26	0.07	0.37	6.93	0.10	1.31		4.67	0.12		3	2	+40518
+40519	22	41	49	+39	12.2	1	10.94	0.2	1.3	2.29	0.04	1.53	4.74	0.04	1.53		2.45	0.06		7	7	+40519
+40520	22	41	51	+41	33.5	2	0.56	0.5	1.7	2.89	0.10	0.09	4.65	0.17	-		1.76	0.20		3	1	+40520
+40521	22	42	38	+38	56.1	1	6.12	0.2	1.7	2.90	0.06	3.94	5.29	0.04	5.91		2.39	0.07		7	7	+40521
+40522	22	47	41	+40	47.8	1	2.50	0.3	3.5	-0.23	0.04	6.50	3.87	0.04	11.00		4.10	0.06		8	8	+40522
+40523	22	49	46	+43	2.8	2	0.19	0.3	0.2	1.04	0.06	0.19	3.44	0.06	0.09		2.40	0.08		3	3	+40523
+40524	22	50	38	+38	21.2	1	0.94	0.3	4.1	2.66	0.06	1.87	5.36	0.04	7.50		2.70	0.07		5	5	+40524
+40525	22	51	4	+36	14.2	3	0.12	0.7	0.1	3.03	0.16	3.37	7.99	0.24	4.06		4.96	0.29	K,I	2	2	+40525
+40526	22	55	7	+42	44.8	2	3.56	0.3	0.6	2.86	0.09	1.41	5.40	0.06	3.75		2.54	0.11		3	3	+40526
+40527R	22	57	56	+35	38.6	2	0.12	0.5	0.6	2.02	0.07	0.19	5.54	-	-	Q	3.52	-		2	2	+40527
+40528	23	1	21	+37	34.9	1	1.25	0.3	0.5	1.02	0.04	0.87	4.69	0.06	1.12		3.67	0.07		4	4	+40528
+40529	23	3	49	+36	3.8	2	0.56	0.3	0.6	2.68	0.09	0.09	7.28	0.12	0.28		4.60	0.15		3	3	+40529
+40530	23	7	51	+39	55.8	1	1.75	0.3	4.4	2.76	0.05	1.09	8.01	0.15	8.25		5.25	0.16		7	6	+40530
+40531	23	12	23	+40	31.6	1	2.50	0.2	6.0	1.60	0.03	3.50	5.41	0.04	32.75		3.81	0.05	I	8	8	+40531
+40532	23	13	59	+36	47.6	2	1.31	0.8	0.7	2.98	0.10	0.19	7.10	0.10	0.28		4.12	0.14		3	3	+40532
+40533	23	15	28	+40	35.1	1	3.50	0.2	8.0	1.43	0.03	8.50	5.57	0.04	6.25		4.14	0.05		8	8	+40533
+40534	23	17	29	+41	48.6	2	5.62	0.3	1.1	2.22	0.08	0.75	4.71	0.07	0.37		2.49	0.11		6	3	+40534
+40535	23	18	13	+39	20.6	1	6.00	0.3	6.4	2.09	0.05	11.81	7.42	0.22	-		5.33	0.23	K	6	1	+40535
+40536	23	21	16	+39	27.4	1	2.81	0.2	1.2	0.83	0.04	6.09	5.38	0.05	32.00		4.55	0.06	I	5	4	+40536
+40537	23	21	46	+41	20.2	1	2.00	0.3	4.8	1.10	0.04	0.63	4.23	0.09	0.25		3.13	0.10		4	4	+40537
+40538	23	27	10	+38	22.2	1	1.50	0.3	0.7	2.33	0.06	1.62	5.34	0.05	0.09		3.01	0.08		4	3	+40538
+40539	23	28	50	+38	57.5	2	0.19	0.5	1.7	2.73	0.09	1.12	4.51	0.07	0.56		1.78	0.11		3	3	+40539
+40540	23	32	1	+43	16.5	2	3.19	0.3	0.9	2.48	0.08	22.31	9.21	0.55	0.06		6.73	0.56	K	3	2	+40540
+40541	23	32	18	+37	44.8	2	2.50	0.3	1.7	2.28	0.06	0.12	4.73	0.06	0.75		2.45	0.08		4	4	+40541
+40542	23	38	13	+44	31.6	2	0.19	0.3	0.4	2.66	0.09	0.19	7.56	0.13	2.06		4.90	0.16		3	3	+40542
+40543	23	39	45	+44	42.6	2	0.37	0.3	0.4	2.85	0.10	0.09	5.29	0.05	7.41		2.44	0.11	I	3	3	+40543
+40544	23	42	8	+41	47.3	1	1.12	0.3	0.7	1.65	0.06	0.19	5.48	0.04	6.00		3.83	0.07		6	6	+40544
+40545R	23	42	34	+43	38.5	1	4.37	0.2	4.7	1.84	0.04	19.69	7.22	-	-	Q	5.38	-	K	5	5	+40545
+40546	23	49	35	+37	34.0	2	1.25	0.3	0.6	2.71	0.08	0.16	6.25	0.06	3.00		3.54	0.10		5	4	+40546
+40547	23	50	29	+41	4.8	2	0.37	0.3	1.5	2.24	0.07	0.19	5.16	0.05	1.03		2.92	0.09		3	3	+40547
+40548	23	58	27	+38	13.5	1	0.75	0.3	0.4	1.94	0.06	1.50	6.60	0.08	2.91		4.66	0.10		3	3	+40548

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+40501	0 1 0 0 1 0 0 0 0 0	8.50	MC				+34	4597	SV PEG	-2	-0.3	+40501
+40502	0 2 1 0 2 0 0 0 0 0	5.14	K5	III	8424	30919	+44	4043		-1	0.1	+40502
+40503	0 1 1 0 4 2 0 1 0 0								W LAC	-2	0.5	+40503
+40504	0 1 0 0 3 2 0 0 0 0	7.30	MA				+37	4506		1	-0.1	+40504
+40505R	0 1 0 0 2 2 0 0 0 0	9.10					+37	4511		-2	1.2	+40505
+40506	0 2 1 0 2 2 0 0 0 0	4.49	K3	III	8485	31104	+38	4711		-2	0.3	+40506
+40507	0 2 1 0 4 2 0 1 0 0	4.15	K3	II	8498	31143	+37	4526		0	0.2	+40507
+40508	0 1 1 0 1 0 0 0 0 0											+40508
+40509	0 1 0 0 1 0 0 0 0 0											+40509
+40510	0 1 0 0 2 0 0 0 0 0	6.75	K5			31393	+43	4208		1	0.0	+40510
+40511	0 1 0 0 1 0 0 0 0 0											+40511
+40512	0 1 1 0 3 2 0 0 0 0	7.60	M5E			31414	+39	4851	S LAC	1	0.8	+40512
+40513	0 1 1 0 1 0 0 0 0 0	8.90	A2				+36	4854		-12	-0.8	+40513
+40514	0 1 1 0 1 0 0 0 0 0	6.90	K5				+36	4880		-2	0.3	+40514
+40515	0 1 2 0 4 3 0 0 0 0	7.07	MO			31645	+39	4909		1	0.2	+40515
+40516	0 1 0 0 1 0 0 0 0 0	4.46	K3	III	8632	31652	+43	4266		-1	-0.1	+40516
+40517	0 1 2 0 1 0 0 0 0 0	7.07	K5			31661	+35	4864		-1	0.5	+40517
+40518	0 1 1 0 1 0 0 0 0 0											+40518
+40519	0 1 2 0 2 2 0 0 0 0	5.87	K5	III	8654	31731	+38	4855		0	0.1	+40519
+40520	0 1 0 0 2 0 0 0 0 0	5.08	KO	III	8656	31732	+41	4594		-1	0.1	+40520
+40521	0 1 2 0 2 2 0 0 0 0	6.59	K5			31746	+38	4858		1	-0.2	+40521
+40522	0 1 2 0 3 2 0 0 0 0								RX LAC	0	0.6	+40522
+40523	0 1 1 0 1 0 0 0 0 0	4.96	MO	G	8699	31896	+42	4521		-1	0.0	+40523
+40524	0 1 1 0 2 1 0 0 0 0	7.12	MO			31909	+37	4714		2	0.2	+40524
+40525	0 1 1 0 0 0 0 0 0 0											+40525
+40526	0 1 1 0 1 0 0 0 0 0	6.90	K5			32007	+42	4548		-2	0.0	+40526
+40527R	0 1 0 0 1 0 0 0 0 0	8.20	MA				+35	4939		1	-0.1	+40527
+40528	0 1 1 0 2 0 0 0 0 0	8.20	MC				+37	4754	CF AND	-2	-0.2	+40528
+40529	0 1 1 0 1 0 0 0 0 0											+40529
+40530	0 1 2 0 2 2 0 0 0 0											+40530
+40531	0 1 2 0 3 2 0 0 0 0	8.80	MD				+40	5026	TY AND	0	0.3	+40531
+40532	0 1 1 0 1 0 0 0 0 0											+40532
+40533	0 1 2 0 3 2 0 0 0 0											+40533
+40534	0 2 3 0 1 0 0 0 0 0	5.77	MO	G	8876	32485	+41	4752		-1	0.4	+40534
+40535	0 0 3 0 2 1 0 0 0 0								RY AND	0	-0.1	+40535
+40536	0 0 3 0 2 0 0 0 0 0								BU AND	0	0.2	+40536
+40537	0 1 2 0 1 0 0 0 0 0	6.68	MO			32566	+40	5065		1	0.0	+40537
+40538	0 2 1 0 1 0 0 0 0 0	7.50	MA				+37	4852		0	0.2	+40538
+40539	0 0 2 0 1 0 0 0 0 0	5.22	G8	III	8930	32703	+38	5023		1	-0.2	+40539
+40540	0 1 1 0 1 0 0 0 0 0											+40540
+40541	0 1 1 0 2 0 0 0 0 0	6.19	K5		8950	32784	+37	4866		-1	-0.1	+40541
+40542	0 1 1 0 1 0 0 0 0 0											+40542
+40543	0 1 1 0 1 0 0 0 0 0	6.54	K5	G	8986	32924	+44	4473		-2	-0.3	+40543
+40544	0 1 3 0 2 0 0 0 0 0	8.40					+41	4856		-3	0.4	+40544
+40545R	0 1 1 0 2 1 0 0 0 0											+40545
+40546	0 1 1 0 3 0 0 0 0 0	8.60					+37	4899		-1	-0.3	+40546
+40547	0 0 2 0 1 0 0 0 0 0	7.25	MO			33135	+40	5167		0	0.7	+40547
+40548	0 1 1 0 1 0 0 0 0 0	8.70	FO				+37	4916		13	-2.0	+40548

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+40001	2.71	0.16	6.75	0.18		9052
+40001	2.68	0.16	6.59	0.15		9053
+40001	2.49	0.11	6.21	0.11		9371
+40002	1.47	0.17	-	-		9052
+40002	1.25	0.18	-	-		9053
+40002	1.40	0.09	4.90	0.08		9072
+40002	1.42	0.08	5.27	0.09		9342
+40006	0.91	0.07	4.92	0.08		9072
+40006	0.92	0.07	5.28	0.09		9344
+40006	0.91	0.07	4.86	0.08		9421
+40009	0.10	0.08	3.50	0.24		8978
+40009	-0.45	0.10	3.52	0.09		9060
+40009	0.59	0.08	4.73	0.15		9371
+40010	1.55	0.07	5.64	0.09		9042
+40010	1.75	0.09	5.95	0.10		9368
+40010	1.73	0.33	-	-		9368
+40035	2.40	0.14	6.83	-	Q	9052
+40035	2.51	0.13	6.80	-	Q	9053
+40035	3.17	0.16	8.17	-	Q	9371
+40035	3.20	0.20	8.09	-	Q	9385
+40047	1.79	0.09	5.08	0.09		9052
+40047	1.73	0.08	5.03	0.09		9053
+40047	1.92	0.08	5.33	0.09		9371
+40047	1.79	0.08	5.36	0.09		9414
+40047	1.93	0.09	5.11	0.09		9483
+40051	2.30	0.12	4.79	0.09		9052
+40051	2.39	0.13	4.77	0.08		9053
+40051	2.39	0.33	4.99	0.08		9371
+40051	2.40	0.12	4.90	0.08		9385
+40051	2.48	0.34	4.98	0.08		9414
+40051	2.31	0.11	4.62	0.08		9483
+40051	2.41	0.11	4.76	0.08		9509
+40055	1.98	0.10	*	-		9052
+40055	2.04	0.10	*	-		9053
+40055	1.89	0.11	*	-		9371
+40055	2.43	0.11	2.98	0.08		9385
+40055	2.08	0.11	*	-		9414
+40055	2.06	0.09	*	-		9483
+40055	2.03	0.09	*	-		9509
+40062	1.64	0.10	6.24	0.13		9052
+40062	1.73	0.09	6.13	0.13		9052
+40062	1.85	0.08	6.24	0.12		9053
+40062	2.14	0.08	6.69	0.15		9414
+40062	2.00	0.08	-	-		9483
+40062	1.96	0.09	6.35	0.12		9483

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+40070	2.10	0.10	8.08	0.48		9052
+40070	2.10	0.09	8.26	0.49		9053
+40070	3.31	0.39	-	-		9414
+40070	2.76	0.12	9.18	0.87		9483
+40082	-0.01	0.06	4.87	0.09		9052
+40082	0.11	0.06	4.69	0.08		9053
+40082	-0.25	0.19	-	-		9414
+40082	-0.34	0.07	4.40	0.14		9483
+40082	-0.18	0.08	4.66	0.14		9509
+40113	3.12	0.20	7.43	0.21		9072
+40113	2.94	0.20	7.65	0.25		9072
+40113	2.73	0.12	6.43	0.11		9471
+40119	0.19	0.08	2.97	0.09		9053
+40119	-0.06	0.07	2.99	0.08		9509
+40127	2.80	0.19	6.41	0.13		9060
+40127	3.34	0.21	8.37	0.42		9471
+40130	1.77	0.13	5.51	0.13		9154
+40130	1.88	0.07	6.11	0.11		9414
+40130	1.73	0.09	5.70	0.10		9483
+40130	1.66	0.08	5.88	0.13		9506
+40135	1.42	0.10	8.32	0.28		9060
+40135	1.00	0.07	6.83	-	Q	9414
+40135	1.50	0.08	7.86	-	Q	9471
+40135	1.58	0.10	7.94	-	Q	9506
+40151	2.25	0.15	6.54	0.17		9154
+40151	2.60	0.14	8.01	0.37		9414
+40151	2.68	0.13	7.65	0.29		9483
+40151	2.66	0.12	7.54	0.21		9506
+40158	-0.70	0.06	2.91	0.08		9060
+40158	-0.73	0.09	3.23	0.12		9506
+40193	3.05	0.25	7.59	0.37		9166
+40193	2.95	0.22	7.48	0.30		9172
+40193	2.82	0.15	8.76	0.56		9471
+40193	3.07	0.22	8.59	0.52		9472
+40193	2.86	0.15	7.08	0.22		9580
+40216	2.92	0.18	4.98	0.07		8801
+40216	3.00	0.25	4.89	0.17		9166
+40216	2.98	0.18	4.88	0.07		9242
+40216	3.16	0.15	5.15	0.07		9471
+40216	2.86	0.13	5.10	0.07		9472
+40216	3.00	0.19	4.91	0.08		9580

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+40220	2.18	0.09	6.09	0.10		8801
+40220	1.85	0.08	5.64	0.08		9214
+40220	2.00	0.07	6.18	0.10		9472
+40248	0.86	0.06	6.05	0.09		8818
+40248	0.70	0.05	4.54	0.17		9242
+40248	0.80	0.10	4.49	0.07		9580
+40248	0.68	0.06	4.45	0.07		9580
+40251	1.50	0.20	5.27	0.10		8874
+40251	1.58	0.33	5.45	0.08		8874
+40251	1.46	0.08	4.96	0.07		9214
+40251	1.45	0.21	-	-		9242
+40251	1.43	0.07	5.16	0.08		9625
+40257	1.05	0.08	4.51	0.12		8818
+40257	0.79	0.06	4.93	0.07		9242
+40257	0.99	0.07	4.73	0.07		9300
+40257	0.81	0.19	-	-		9580
+40257	0.94	0.07	4.48	0.07		9580
+40265	2.66	0.09	6.43	0.11		8874
+40265	2.35	0.08	6.51	0.12		9214
+40265	2.57	0.11	8.08	0.36		9298
+40265	2.63	0.09	7.03	0.17		9625
+40273	1.91	0.06	6.52	0.11		8916
+40273	1.85	0.08	6.59	0.13		9242
+40273	2.12	0.08	7.29	0.20		9300
+40273	1.73	0.09	6.32	0.20		9580
+40273	1.54	0.22	6.36	0.45		9580
+40273	2.17	0.09	7.43	0.22		9663
+40285	2.96	0.11	6.79	0.15		8874
+40285	2.64	0.34	5.82	-	Q	9214
+40285	2.77	0.14	7.28	0.20		9298
+40285	2.74	0.34	7.23	0.19		9300
+40285	2.80	0.13	7.97	0.20		9325
+40285	3.02	0.13	7.85	0.32		9625
+40312	0.77	0.10	-	-		8942
+40312	0.87	0.07	4.94	0.08		8942
+40312	0.82	0.07	4.74	0.09		9279
+40312	0.80	0.09	5.08	0.08		9342
+40312	0.77	0.08	5.09	0.08		9342
+40312	0.74	0.08	4.84	0.08		9631
+40312	0.76	0.07	4.64	0.14		9663
+40315	1.51	0.08	-	-		8916
+40315	1.60	0.08	5.52	-	Q	8916
+40315	1.78	0.10	5.36	0.13		8966
+40315	1.76	0.07	5.56	-	Q	9281
+40315	1.75	0.07	5.65	-	Q	9300
+40315	1.45	0.10	5.39	-	Q	9663

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+40320	2.15	0.09	5.51	0.09		8908
+40320	2.00	0.10	5.77	0.10		9281
+40320	2.03	0.10	5.92	0.10		9300
+40328	1.81	0.10	5.64	-	Q	8942
+40328	2.33	0.13	7.46	-	Q	9278
+40328	2.28	0.13	7.27	-	Q	9279
+40328	2.04	0.09	7.05	-	Q	9342
+40328	2.01	0.09	7.07	-	Q	9344
+40328	1.73	0.08	6.70	-	Q	9631
+40346	3.06	0.17	7.92	0.32		9298
+40346	3.32	0.18	8.49	0.48		9368
+40346	2.77	0.12	7.89	0.28		9716
+40349	2.74	0.10	6.67	0.12		8908
+40349	2.59	0.10	7.19	0.17		8978
+40349	2.62	0.11	6.93	0.16		9298
+40349	2.64	0.11	7.59	0.24		9368
+40349	2.55	0.09	7.24	0.18		9716
+40351	2.95	0.16	5.98	0.10		8942
+40351	3.21	0.58	6.04	-	Q	8942
+40351	3.16	0.23	6.01	-	Q	9279
+40351	2.89	0.16	6.34	-	Q	9342
+40351	2.95	0.16	6.27	-	Q	9344
+40351	2.86	0.13	6.46	0.11		9631
+40355	1.77	0.09	-	-		8942
+40355	1.73	0.10	5.93	0.10		8942
+40355	1.85	0.15	5.95	0.11		9279
+40355	1.59	0.10	6.24	0.11		9342
+40355	1.63	0.06	6.30	0.11		9344
+40355	1.85	0.12	6.17	0.10		9631
+40357	2.95	0.34	7.50	0.19		8908
+40357	2.32	0.10	7.07	0.16		8978
+40357	2.62	0.14	7.98	0.33		9298
+40357	2.49	0.13	7.05	0.20		9368
+40357	2.63	0.12	7.56	0.31		9716
+40368	1.35	0.08	5.35	0.09		8942
+40368	1.39	0.33	-	-		9344
+40368	1.36	0.08	5.59	0.09		9344
+40371	3.24	0.20	-	-		8978
+40371	2.65	0.14	9.55	-	Q	9298
+40371	3.19	0.19	9.85	-	Q	9368
+40371	2.99	0.41	-	-		9368
+40371	3.31	0.17	10.00	-	Q	9716

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+40372	2.02	0.10	6.48	0.15		8966
+40372	1.95	0.14	6.25	0.11		9300
+40372	1.93	0.11	6.18	0.10		9386
+40372	1.91	0.08	6.14	0.11		9392
+40372	1.89	0.09	5.97	0.10		9663
+40420	2.05	0.08	7.79	-	Q	8966
+40420	1.51	0.21	-	-		9300
+40420	1.68	0.09	6.83	-	Q	9342
+40420	2.50	0.33	7.90	0.33		9392
+40420	1.48	0.08	6.39	0.12		9663
+40435	2.34	0.10	8.03	0.33		8978
+40435	2.22	0.14	8.63	0.54		9298
+40435	2.28	0.08	8.58	0.48		9335
+40435	2.32	0.14	8.58	0.52		9368
+40435	2.22	0.09	8.77	0.58		9386
+40435	2.18	0.11	8.52	0.44		9392
+40435	2.77	0.11	9.16	0.80		9673
+40435	2.21	0.14	8.04	0.32		9716
+40437	2.62	0.11	6.46	0.12		8978
+40437	2.38	0.16	6.82	0.15		9298
+40437	2.41	0.09	6.45	0.12		9335
+40437	2.44	0.15	6.67	0.14		9368
+40437	2.33	0.11	6.95	0.16		9386
+40437	2.23	0.08	7.03	0.17		9392
+40437	2.17	0.09	6.46	0.12		9673
+40437	2.13	0.13	7.05	0.16		9716
+40442	1.37	0.08	7.51	0.25		8942
+40442	1.52	0.11	8.23	0.33		8982
+40442	1.20	0.07	7.15	0.17		9342
+40443	3.13	0.16	8.29	0.40		8978
+40443	2.71	0.11	7.47	0.21		9335
+40443	2.51	0.10	6.33	0.11		9386
+40443	2.54	0.17	6.34	0.11		9386
+40443	2.41	0.09	6.21	0.11		9392
+40443	2.93	0.12	7.48	0.23		9673
+40466	2.35	0.10	8.09	-	Q	8978
+40466	2.68	0.34	-	-		8978
+40466	2.66	0.14	8.07	0.35		9298
+40466	2.32	0.12	7.55	-	Q	9368
+40466	3.01	0.15	9.63	0.44		9716
+40483	2.37	0.12	11.24	-	Q	8978
+40483	3.12	0.37	-	-		9298
+40483	3.33	0.18	-	-		9368
+40483	2.77	0.34	-	-		9716

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+40485	1.75	0.09	8.28	0.34		8966
+40485	1.50	0.18	-	-		8978
+40485	2.23	0.09	9.71	-	Q	9335
+40485	2.12	0.10	8.80	0.58		9371
+40485	2.05	0.10	9.48	-	Q	9386
+40485	2.02	0.10	9.15	0.80		9392
+40485	1.99	0.10	9.28	0.86		9673
+40496	2.74	0.17	6.98	0.14		8982
+40496	2.50	0.12	5.87	0.10		9344
+40497	2.87	0.11	7.83	0.25		8966
+40497	2.84	0.12	8.13	0.67		9335
+40497	3.26	0.16	8.95	0.64		9371
+40497	3.41	0.19	9.28	0.82		9386
+40497	3.30	0.16	9.31	-	Q	9392
+40497	2.87	0.12	8.67	0.56		9673
+40503	2.87	0.16	8.29	-	Q	8978
+40503	2.68	0.35	6.86	0.16		9060
+40503	2.75	0.14	7.92	0.29		9335
+40503	2.65	0.20	6.79	0.14		9368
+40503	2.80	0.16	-	-		9368
+40503	2.73	0.15	6.65	0.13		9371
+40503	2.82	0.15	6.77	0.14		9386
+40503	2.68	0.15	6.74	0.15		9392
+40503	2.68	0.11	6.85	0.14		9716
+40512	2.27	0.10	5.46	0.12		8966
+40512	2.07	0.11	6.41	0.13		9053
+40512	2.58	0.13	7.54	0.22		9335
+40512	2.74	0.14	7.34	0.19		9371
+40512	2.69	0.34	-	-		9371
+40512	2.64	0.14	6.90	0.15		9386
+40512	2.61	0.14	6.73	0.14		9392
+40525	2.84	0.16	7.62	0.22		8978
+40525	3.68	0.46	9.06	0.79		9060
+40531	1.66	0.07	5.73	0.13		8966
+40531	1.68	0.09	5.12	0.09		9052
+40531	1.60	0.09	5.04	0.09		9053
+40531	1.61	0.10	5.39	0.09		9335
+40531	1.51	0.09	5.27	0.09		9342
+40531	1.64	0.09	5.31	0.09		9371
+40531	1.50	0.09	5.55	0.09		9386
+40531	1.56	0.08	5.58	0.09		9392
+40535	2.34	0.14	7.87	-	Q	9052
+40535	2.38	0.33	-	-		9052
+40535	2.23	0.12	7.82	-	Q	9053
+40535	1.94	0.09	6.85	-	Q	9371
+40535	2.21	0.26	-	-		9371
+40535	1.87	0.09	7.42	0.22		9392

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+40536	0.54	0.20	4.80	0.09		9052
+40536	0.70	0.10	4.80	0.09		9052
+40536	0.76	0.06	4.73	0.08		9053
+40536	0.91	0.08	-	-		9371
+40536	0.93	0.08	5.84	0.09		9371
+40540	2.05	0.12	9.40	0.76		8982
+40540	2.16	0.11	8.98	0.67		9072
+40540	2.87	0.14	9.73	-	Q	9342
+40543	2.87	0.20	5.42	0.08		8982
+40543	2.84	0.18	5.08	0.08		9072
+40543	2.85	0.13	5.30	0.09		9344
+40545	1.56	0.08	7.63	-	Q	8982
+40545	2.08	0.09	8.07	-	Q	9072
+40545	1.86	0.11	6.58	-	Q	9342
+40545	1.89	0.08	6.65	-	Q	9344
+40545	1.66	0.08	6.99	-	Q	9421

NO.	K MAG	K ER	I MAG	I ER	DAY 243

NO.	K MAG	K ER	I MAG	I ER	DAY 243

NO.	REMARKS
+40004	CIT NO. 1 (ULRICH ET.AL. 1966)
+40013	M-31
+40014	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40033	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40061	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40103	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40121	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40153	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40162	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40180	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40196	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40208	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40239	DOUBLE STAR (S.A.O. SEARCH)
+40250	DA=0S, DD=0.4M FROM GC18773
+40252	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40330	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40432	CIT NO. 10 (ULRICH ET.AL. 1966)
+40439	CIT NO. 11 (ULRICH ET.AL. 1966)
+40442	CIT NO. 12 (ULRICH ET.AL. 1966)
+40445	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40448	NML CYG (NEUGEBAUER ET. AL. 1965)
+40467	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40485	CIT NO. 13 (ULRICH ET.AL. 1966)
+40505	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+40527	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)

NO.	REMARKS
+40545	CIT NO. 14 (ULRICH ET.AL. 1966), I MAG CONFUSED

Declination Zone
+45 to +55 degrees

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+50001	0	7	31	+54	35.9	2	0.12	0.7	0.1	2.89	0.13	1.31	8.51	0.51	-		5.62	0.53		2	1	+50001
+50002R	0	9	25	+47	53.1	2	0.94	0.5	1.9	2.46	0.07	0.37	4.86	-	-	Q	2.40	-		3	3	+50002
+50003	0	13	28	+46	44.3	1	2.19	0.5	3.8	3.05	0.09	8.59	7.13	0.17	-		4.08	0.19	K	5	1	+50003
+50004	0	14	13	+49	11.0	1	1.25	0.3	0.5	1.72	0.04	0.50	4.63	0.05	0.63		2.91	0.06		4	4	+50004
+50005	0	18	45	+50	40.1	2	2.81	0.3	1.5	2.65	0.09	0.94	7.25	0.12	1.59		4.60	0.15		3	3	+50005
+50006	0	20	31	+51	29.7	3	0.12	0.5	0.1	2.76	0.12	0.25	5.93	0.13	0.06		3.17	0.18		2	2	+50006
+50007	0	26	14	+48	8.1	1	1.31	0.3	0.2	1.19	0.04	0.09	4.35	0.12	0.63		3.16	0.13		3	2	+50007
+50008	0	28	55	+52	33.8	2	1.12	0.5	0.2	2.80	0.09	0.28	4.87	0.08	0.09		2.07	0.12		3	3	+50008
+50009	0	30	2	+50	53.4	2	0.19	0.3	0.7	2.31	0.08	1.12	6.62	0.12	1.44		4.31	0.14		3	2	+50009
+50010	0	34	1	+48	40.6	1	2.06	0.3	0.4	1.26	0.04	0.19	4.89	0.05	4.12		3.63	0.06		3	3	+50010
+50011	0	34	34	+53	25.5	2	7.00	0.3	0.2	2.80	0.10	1.19	6.99	0.14	0.06		4.19	0.17		2	2	+50011
+50012	0	34	50	+45	19.9	2	6.56	0.3	0.2	2.00	0.06	0.84	5.46	0.06	3.28		3.46	0.08		3	3	+50012
+50013	0	36	22	+49	4.6	2	1.69	0.5	0.2	1.72	0.05	2.25	4.10	0.08	0.19		2.38	0.09		3	3	+50013
+50014	0	43	31	+47	58.4	2	3.00	0.5	0.2	2.45	0.07	1.97	6.13	0.08	6.31		3.68	0.11	I	3	2	+50014
+50015	0	45	19	+53	16.9	3	3.00	0.7	0.2	2.41	0.09	0.25	6.84	0.13	1.69		4.43	0.16		2	2	+50015
+50016	0	49	53	+47	8.6	2	12.25	0.3	1.5	1.92	0.05	1.00	6.25	0.08	3.19		4.33	0.09		4	3	+50016
+50017	0	50	1	+49	26.1	1	2.25	0.3	1.5	2.47	0.06	0.25	5.87	0.08	0.06		3.40	0.10		4	2	+50017
+50018	0	50	38	+52	25.0	2	2.44	0.3	0.4	2.79	0.09	0.09	6.21	0.08	0.37		3.42	0.12		3	3	+50018
+50019	0	50	40	+48	15.1	2	0.19	0.5	0.2	2.98	0.10	2.81	5.78	0.06	1.22		2.80	0.12		3	3	+50019
+50020	0	52	13	+48	24.1	1	0.94	0.3	0.4	1.76	0.04	0.28	4.45	0.09	0.19		2.69	0.10		3	3	+50020
+50021	0	54	10	+48	25.7	1	0.75	0.3	0.6	1.37	0.04	1.22	5.18	0.05	0.28		3.81	0.06		3	3	+50021
+50022	0	57	58	+46	39.6	1	0.31	0.5	0.3	2.98	0.07	1.87	6.08	0.05	0.78		3.10	0.09		5	5	+50022
+50023	1	0	13	+52	52.0	2	0.19	0.3	0.2	1.85	0.06	0.66	5.03	0.08	0.06		3.18	0.10		3	2	+50023
+50024	1	0	20	+45	36.1	1	1.25	0.3	2.8	2.66	0.07	2.03	6.93	0.14	0.06		4.27	0.16		5	2	+50024
+50025	1	1	8	+52	14.1	2	0.19	0.3	0.2	2.54	0.11	1.03	4.78	0.08	0.06		2.24	0.14		3	2	+50025
+50026	1	3	10	+49	35.1	2	0.75	0.3	0.5	2.56	0.07	0.25	6.38	0.06	5.50		3.82	0.09		4	4	+50026
+50027	1	4	7	+53	14.0	2	1.00	0.3	1.1	2.83	0.12	1.44	5.18	0.09	0.12		2.35	0.15		2	2	+50027
+50028	1	4	11	+49	8.6	2	0.19	0.5	0.2	3.47	0.13	4.78	6.91	-	-	Q	3.44	-	K	3	3	+50028
+50029	1	4	32	+45	20.5	2	1.31	0.3	2.3	1.79	0.06	0.09	5.97	0.07	1.31		4.18	0.09		3	3	+50029
+50030	1	8	4	+53	28.0	2	0.12	0.3	0.1	2.32	0.08	2.75	8.40	0.39	0.12		6.08	0.40	K	2	2	+50030
+50031	1	8	16	+45	56.0	2	2.75	0.3	6.5	2.81	0.07	1.75	5.30	-	-	Q	2.49	-		4	4	+50031
+50032	1	9	38	+45	4.0	2	2.00	0.3	0.1	1.80	0.07	0.19	4.62	0.11	0.12		2.82	0.13		2	2	+50032
+50033	1	19	20	+45	16.2	2	1.00	0.3	0.6	2.38	0.09	0.06	4.15	0.11	0.12		1.77	0.14		2	2	+50033
+50034	1	19	29	+51	31.4	3	0.63	0.5	0.1	2.87	0.12	0.75	5.88	0.09	0.06		3.01	0.15		2	2	+50034
+50035	1	23	30	+54	53.9	2	0.37	0.3	2.3	1.95	0.06	0.12	7.34	0.14	0.12		5.39	0.15		2	2	+50035
+50036	1	25	34	+51	25.7	2	1.50	0.3	0.1	2.76	0.10	0.06	6.01	0.22	-		3.25	0.24		2	1	+50036
+50037	1	26	35	+46	24.2	1	1.25	0.3	4.4	2.39	0.05	4.53	6.70	0.07	5.94		4.31	0.09		5	5	+50037
+50038	1	27	2	+46	45.3	2	0.94	0.3	3.8	2.97	0.08	0.94	4.64	0.05	0.63		1.67	0.09		5	5	+50038
+50039	1	30	14	+54	41.4	2	0.12	0.5	0.1	2.66	0.09	0.06	5.35	0.07	0.06		2.69	0.11		2	2	+50039
+50040	1	30	32	+46	15.9	2	0.56	0.3	1.7	2.47	0.09	4.03	7.71	0.26	3.00		5.24	0.28	I	3	2	+50040
+50041	1	34	55	+48	22.4	1	1.50	0.3	1.2	0.79	0.04	1.37	2.56	0.05	1.12		1.77	0.06		4	3*	+50041
+50042	1	37	2	+53	36.5	2	5.00	0.5	0.2	2.37	0.08	0.63	5.01	0.07	2.44		2.64	0.11		4	3	+50042
+50043	1	40	3	+48	16.2	2	2.25	0.3	0.2	1.92	0.05	1.75	4.88	0.06	2.06		2.96	0.08		4	3	+50043
+50044	1	40	27	+51	16.5	2	0.12	0.5	0.5	2.78	0.15	0.06	5.27	0.09	0.12		2.49	0.17		2	2	+50044
+50045	1	41	24	+45	53.4	2	0.12	0.5	0.4	3.00	0.12	0.37	5.30	0.09	0.06		2.30	0.15		2	2	+50045
+50046	1	47	16	+53	29.7	1	4.12	0.3	0.2	0.88	0.05	0.47	4.46	0.09	0.09		3.58	0.10		3	3	+50046
+50047	1	50	33	+53	59.9	2	1.50	0.3	0.2	2.69	0.09	0.94	6.01	0.06	0.19		3.32	0.11		3	3	+50047
+50048	1	51	33	+50	3.0	2	0.75	0.5	1.5	2.96	0.11	1.41	5.47	0.06	0.09		2.51	0.13		3	3	+50048
+50049	1	55	35	+45	11.7	1	1.69	0.3	0.6	-1.11	0.04	2.72	2.93	0.06	2.16		4.04	0.07		3	3	+50049
+50050	1	56	16	+54	34.4	2	0.94	0.3	0.6	0.76	0.05	12.19	4.92	0.06	11.62		4.16	0.08	K,I	3	3	+50050

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
+50001	0 0 1 0 1 0 0 0 0 0							TT CAS	-2	0.0	+50001
+50002R	0 0 1 0 0 2 0 0 0 0	6.16	K4	G	36	204	+47 21		3	0.7	+50002
+50003	0 0 2 0 1 2 0 0 0 0							X AND	-4	0.2	+50003
+50004	0 1 1 0 0 2 0 0 0 0	6.83	M0			328	+48 60		-2	-0.1	+50004
+50005	0 1 1 0 1 0 0 0 0 0										+50005
+50006	0 0 1 0 1 0 0 0 0 0	8.20	M1				+50 60		0	0.2	+50006
+50007	0 0 1 0 0 2 0 0 0 0	7.52	M0			562	+47 113		0	-0.1	+50007
+50008	0 0 1 0 2 0 0 0 0 0	5.60	K2	III	124	614	+52 92		-2	-0.1	+50008
+50009	0 0 2 0 1 0 0 0 0 0										+50009
+50010	0 0 1 0 0 2 0 0 0 0	8.40	MB				+48 183		1	0.0	+50010
+50011	0 0 1 0 1 0 0 0 0 0										+50011
+50012	0 0 1 0 1 1 0 0 0 0	8.40	MA				+44 128	BZ AND	-3	0.1	+50012
+50013	0 0 1 0 0 2 0 0 0 0	5.58	K5	G	164	770	+48 192		-2	-0.2	+50013
+50014	0 0 1 0 0 2 0 0 0 0							U CAS	-2	0.1	+50014
+50015	0 0 1 0 1 0 0 0 0 0										+50015
+50016	0 0 1 0 0 3 0 0 0 0							RV CAS	0	0.0	+50016
+50017	0 0 1 0 1 2 0 0 0 0	8.60	MB				+48 266		-2	0.2	+50017
+50018	0 0 1 0 2 0 0 0 0 0	6.20	A		250	1068	+51 179		-15	-0.1	+50018
+50019	0 0 1 0 0 2 0 0 0 0	7.50	K5				+47 234		-3	0.3	+50019
+50020	0 0 1 0 0 2 0 0 0 0	6.43	M1		256	1090	+47 242		-1	-0.4	+50020
+50021	0 0 1 0 0 2 0 0 0 0							KS CAS	-2	-0.2	+50021
+50022	0 0 1 0 1 3 0 0 0 0	8.60					+46 230		-2	0.1	+50022
+50023	0 0 1 0 2 0 0 0 0 0	7.90	M0				+52 241		0	-0.3	+50023
+50024	0 0 2 0 1 2 0 0 0 0										+50024
+50025	0 0 1 0 2 0 0 0 0 0	6.07	K2		298	1275	+51 220		2	0.0	+50025
+50026	0 0 1 0 1 2 0 0 0 0										+50026
+50027	0 0 1 0 1 0 0 0 0 0	6.36	K0		318	1343	+52 262		-4	0.1	+50027
+50028	0 0 1 0 0 2 0 0 0 0										+50028
+50029	0 0 1 0 1 1 0 0 0 0										+50029
+50030	0 0 1 0 1 0 0 0 0 0										+50030
+50031	0 0 1 0 1 2 0 0 0 0	6.86	K5			1428	+45 291		-1	0.9	+50031
+50032	0 0 1 0 0 1 0 0 0 0	6.47	M1	G	355	1451	+44 261		-2	-0.3	+50032
+50033	0 0 1 0 0 1 0 0 0 0	4.90	K0	III	390	1647	+44 287		-4	0.2	+50033
+50034	0 0 1 0 1 0 0 0 0 0	7.90	K5				+51 291		2	0.4	+50034
+50035	0 0 1 0 1 0 0 0 0 0										+50035
+50036	0 0 1 0 1 0 0 0 0 0	8.70	M2				+50 282		0	0.5	+50036
+50037	0 0 1 0 1 3 0 0 0 0							CE AND	1	0.2	+50037
+50038	0 0 1 0 1 3 0 0 0 0	5.23	G9	III	430	1806	+46 370		-3	0.2	+50038
+50039	0 0 1 0 1 0 0 0 0 0	7.17	K5			1873	+54 315		-2	0.0	+50039
+50040	0 0 1 0 0 2 0 0 0 0							SX AND	-3	0.0	+50040
+50041	0 0 2 0 0 2 0 0 0 0	3.56	K3	III	464	1966	+47 467		0	-0.2	+50041
+50042	0 0 2 0 1 1 0 0 0 0	6.50	K5	III	470	2010	+53 363		1	-0.4	+50042
+50043	0 0 2 0 0 2 0 0 0 0	7.00	M0			2090	+47 485		-2	0.3	+50043
+50044	0 0 1 0 1 0 0 0 0 0	6.80	K5			2099	+50 336		0	0.6	+50044
+50045	0 0 1 0 0 1 0 0 0 0	6.47	K5	G	504	2112	+45 432		1	0.0	+50045
+50046	0 0 1 0 1 1 0 0 0 0	8.40	M5				+53 398	TT PER	1	0.0	+50046
+50047	0 0 1 0 1 1 0 0 0 0	9.00	M5				+53 413		1	-0.2	+50047
+50048	0 0 1 0 1 1 0 0 0 0	7.17	K2			2300	+49 491		0	-0.1	+50048
+50049	0 0 1 0 0 2 0 0 0 0	7.90	MB				+44 398		-2	0.2	+50049
+50050	0 0 1 0 1 1 0 0 0 0	7.00	M6E			2385	+54 431	U PER	0	-0.4	+50050

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+50051	1 56 24	+45 54.9	2	0.87	0.5	0.1	2.75	0.10	0.37	5.92	0.09	0.06		3.17	0.13		2	2	+50051
+50052	1 59 46	+54 59.6	2	3.00	0.3	0.6	1.81	0.07	2.53	5.17	0.05	2.16		3.36	0.09		3	3	+50052
+50053	2 0 54	+49 28.4	1	0.75	0.3	1.5	2.96	0.07	0.37	6.48	0.06	4.69		3.52	0.09		6	6	+50053
+50054	2 5 23	+51 34.3	2	2.25	0.3	0.7	1.00	0.05	0.63	5.11	0.06	1.50		4.11	0.08		4	4	+50054
+50055	2 7 46	+48 42.9	1	6.87	0.3	0.3	2.94	0.08	1.09	6.66	0.09	0.37		3.72	0.12		5	3	+50055
+50056	2 10 11	+52 49.5	2	5.62	0.3	1.9	2.56	0.07	2.62	5.17	0.05	1.50		2.61	0.09		6	6	+50056
+50057	2 14 4	+48 15.0	2	0.19	0.5	0.6	2.96	0.09	0.19	6.63	0.22	-		3.67	0.24		3	1	+50057
+50058	2 15 51	+51 2.1	2	1.12	0.5	0.7	2.84	0.09	3.47	6.62	0.13	8.56		3.78	0.16	I	3	2	+50058
+50059	2 21 4	+49 47.8	2	10.62	0.5	0.6	2.88	0.08	1.41	4.76	0.11	0.06		1.88	0.14		5	2	+50059
+50060	2 22 15	+50 3.8	1	1.25	0.3	2.0	1.13	0.05	1.25	3.37	0.05	0.37		2.24	0.07		4	4	+50060
+50061	2 23 28	+51 53.9	2	3.00	0.3	0.7	2.67	0.07	0.47	6.74	0.10	0.09		4.07	0.12		3	3	+50061
+50062	2 25 3	+51 3.4	2	7.87	0.3	0.2	1.55	0.05	15.94	6.45	0.10	24.00		4.90	0.11	K,I	3	3	+50062
+50063	2 25 21	+48 17.5	2	0.50	0.5	1.2	2.58	0.08	0.12	6.25	0.08	1.87		3.67	0.11		4	3	+50063
+50064	2 25 23	+47 39.4	2	0.94	0.5	0.6	2.93	0.09	0.47	6.58	0.09	0.66		3.65	0.13		3	3	+50064
+50065	2 27 7	+47 38.5	2	1.50	0.3	1.0	2.84	0.08	2.12	5.47	-	-	Q	2.63	-		4	3	+50065
+50066	2 28 43	+49 58.1	2	0.19	0.3	3.2	1.69	0.05	0.09	4.69	-	-	Q	3.00	-		3	3	+50066
+50067	2 28 59	+54 4.9	2	0.75	0.3	2.0	2.89	0.09	1.25	7.11	0.09	2.12		4.22	0.13		4	4	+50067
+50068	2 30 16	+45 26.1	1	8.06	0.3	0.9	0.00	0.06	4.41	4.03	0.10	1.59		4.03	0.12		3	3	+50068
+50069	2 32 38	+53 16.1	2	2.00	0.3	0.7	1.99	0.08	1.37	6.88	0.14	0.56		4.89	0.16		2	2	+50069
+50070	2 34 47	+50 17.4	2	0.94	0.5	1.7	2.90	0.10	0.28	5.45	0.06	1.12		2.55	0.12		3	3	+50070
+50071	2 36 49	+51 55.9	2	1.87	0.3	0.2	2.60	0.07	0.09	6.70	0.10	0.47		4.10	0.12		3	3	+50071
+50072	2 40 48	+49 1.4	2	0.19	0.5	0.2	2.78	0.09	0.09	3.81	0.07	0.37		1.03	0.11		3	3	+50072
+50073	2 43 55	+45 51.0	2	12.00	0.5	0.4	2.62	0.10	0.47	6.09	0.10	0.84		3.47	0.14		3	3	+50073
+50074	2 44 17	+52 6.9	2	2.06	0.3	0.9	1.96	0.06	0.09	5.51	0.06	0.28		3.55	0.08		3	3	+50074
+50075	2 47 19	+51 52.5	1	2.81	0.3	0.9	2.59	0.07	1.41	7.25	0.16	2.25		4.66	0.17		5	3	+50075
+50076	2 48 52	+53 48.4	2	3.50	0.3	0.2	1.56	0.05	0.37	5.40	0.06	2.25		3.84	0.08		4	4	+50076
+50077	2 50 41	+52 33.6	2	0.75	0.3	1.5	1.99	0.06	0.87	3.37	0.06	0.50		1.38	0.08		4	4	+50077
+50078	2 51 41	+46 35.3	1	1.25	0.3	7.8	2.64	0.07	0.31	6.40	0.07	2.75		3.76	0.10		5	4	+50078
+50079	2 53 17	+51 4.5	2	0.75	0.3	2.4	2.50	0.08	0.47	4.91	0.06	0.09		2.41	0.10		3	3	+50079
+50080	2 53 19	+54 26.4	2	1.31	0.3	0.2	0.71	0.05	1.59	5.05	0.06	6.47		4.34	0.08	I	3	3	+50080
+50081	2 57 2	+48 25.0	2	1.31	0.3	0.4	2.78	0.08	1.12	6.42	0.08	0.56		3.64	0.11		3	3	+50081
+50082	2 58 54	+47 54.4	1	12.50	0.3	1.0	2.15	0.06	1.12	5.82	0.06	0.63		3.67	0.08		4	4	+50082
+50083	3 0 13	+48 2.9	2	2.00	0.8	1.5	2.94	0.11	0.75	6.73	0.10	0.19		3.79	0.15		4	3	+50083
+50084	3 1 8	+53 18.9	2	0.37	0.5	0.2	0.88	0.06	0.12	*	-	-		-	-		2	0*	+50084
+50085	3 1 31	+52 26.1	1	2.50	0.3	3.4	2.54	0.06	1.09	5.44	0.05	0.31		2.90	0.08		5	5	+50085
+50086	3 5 28	+49 25.2	1	0.25	0.3	0.5	2.64	0.07	0.87	3.65	0.06	1.00		1.01	0.09		4	4	+50086
+50087	3 8 59	+47 32.1	2	1.75	0.5	0.5	2.87	0.09	1.37	5.23	0.06	0.12		2.36	0.11		4	4	+50087
+50088	3 10 14	+47 39.0	1	0.50	0.5	1.7	2.48	0.07	0.87	6.46	0.20	-		3.98	0.21		4	1	+50088
+50089	3 11 25	+54 41.9	1	1.12	0.3	0.2	1.87	0.05	1.97	6.07	0.06	4.31		4.20	0.08		3	3	+50089
+50090	3 11 48	+46 24.0	1	3.37	0.2	4.5	1.05	0.04	2.06	5.19	0.05	5.78		4.14	0.06		6	5	+50090
+50091	3 12 38	+50 45.8	2	1.12	0.5	0.7	2.52	0.11	0.19	4.28	0.12	0.44		1.76	0.16		3	2	+50091
+50092	3 12 41	+45 9.7	1	1.50	0.3	0.4	1.60	0.05	0.19	4.38	0.10	0.09		2.78	0.11		3	3	+50092
+50093	3 15 40	+51 14.4	2	3.75	0.3	3.2	2.02	0.06	0.09	6.57	0.10	0.19		4.55	0.12		3	3	+50093
+50094	3 17 10	+46 30.4	2	13.12	0.5	3.1	2.75	0.10	0.94	6.38	0.11	0.06		3.63	0.15		5	2	+50094
+50095	3 20 44	+49 41.4	1	7.50	0.3	2.8	0.54	0.05	0.47	*	-	-		-	-		5	0*	+50095
+50096R	3 22 59	+47 21.5	1	0.25	0.3	1.2	2.18	0.06	10.75	8.57	0.31	0.63		6.39	0.32	K	4	4	+50096
+50097	3 25 38	+48 35.5	2	1.31	0.3	4.3	2.73	0.08	0.47	6.67	0.09	0.19		3.94	0.12		3	3	+50097
+50098	3 27 1	+47 49.9	1	1.56	0.5	3.1	1.13	0.08	0.31	3.20	0.07	0.16		2.07	0.11		5	5	+50098
+50099	3 32 39	+52 46.1	2	0.37	0.5	1.1	2.89	0.11	1.59	5.64	0.09	0.06		2.75	0.14		3	2	+50099
+50100	3 37 48	+51 20.9	1	1.25	0.3	1.5	1.01	0.05	1.50	5.56	0.06	2.72		4.55	0.08		4	3	+50100

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+50051	0 0 1 0 0 1 0 0 0 0	8.30	MA				+45	504		3	0.4	+50051
+50052	0 0 1 0 1 1 0 0 0 0	8.00	M2				+54	444	XX PER	-2	0.1	+50052
+50053	0 0 2 0 1 3 0 0 0 0											+50053
+50054	0 0 1 0 2 1 0 0 0 0											+50054
+50055	0 0 1 0 0 4 0 0 0 0								RV AND	-2	0.2	+50055
+50056	0 0 2 0 2 2 0 0 0 0	6.84	K5			2649	+52	541		0	0.0	+50056
+50057	0 0 1 0 0 2 0 0 0 0											+50057
+50058	0 0 1 0 1 1 0 0 0 0								BV PER	-3	0.5	+50058
+50059	0 0 1 0 1 3 0 0 0 0	5.33	G8	III	694	2877	+49	649		-2	0.9	+50059
+50060	0 0 1 0 1 2 0 0 0 0	4.70	K4	III	699	2902	+49	656		-2	0.5	+50060
+50061	0 0 1 0 1 1 0 0 0 0								BS PER	-1	0.3	+50061
+50062	0 0 1 0 1 1 0 0 0 0								RR PER	-3	0.4	+50062
+50063	0 0 2 0 0 2 0 0 0 0											+50063
+50064	0 0 1 0 0 2 0 0 0 0											+50064
+50065	0 0 2 0 0 2 0 0 0 0	7.65	K0			2989	+47	640		0	0.6	+50065
+50066	0 0 1 0 1 1 0 0 0 0	7.42	M0			3023	+49	682		-2	0.5	+50066
+50067	0 0 2 0 1 1 0 0 0 0	8.80	B9				+53	539		0	-0.5	+50067
+50068	0 0 2 0 0 1 0 0 0 0	8.60					+45	624	UX AND	2	0.0	+50068
+50069	0 0 1 0 1 0 0 0 0 0								EE PER	-1	0.0	+50069
+50070	0 0 1 0 1 1 0 0 0 0	7.17	K2			3151	+49	724		-2	0.8	+50070
+50071	0 0 1 0 1 1 0 0 0 0								EL PER	0	0.3	+50071
+50072	0 0 1 0 0 2 0 0 0 0	4.12	F7	V	799	3277	+48	746		1	0.3	+50072
+50073	0 0 2 0 0 1 0 0 0 0								BW PER	6	0.0	+50073
+50074	0 0 1 0 1 1 0 0 0 0	8.40	M2				+51	629		-1	0.1	+50074
+50075	0 0 2 0 1 2 0 0 0 0											+50075
+50076	0 0 2 0 1 0 1 0 0 0	9.10	M5				+53	580		2	0.0	+50076
+50077	0 0 1 0 1 1 1 0 0 0	3.95	G5	III	854	3462	+52	641		-2	0.1	+50077
+50078	0 0 2 0 0 3 0 0 0 0											+50078
+50079	0 0 1 0 1 1 0 0 0 0	6.36	K5	III	864	3525	+50	665		-2	0.9	+50079
+50080	0 0 1 0 1 1 0 0 0 0								ER PER	2	-0.2	+50080
+50081	0 0 1 0 0 2 0 0 0 0											+50081
+50082	0 0 1 0 0 3 0 0 0 0											+50082
+50083	0 0 1 0 0 3 0 0 0 0											+50083
+50084	0 0 1 0 0 0 1 0 0 0	2.90	G8	III	915	3664	+52	654		-2	0.1	+50084
+50085	0 0 1 0 1 2 1 0 0 0	7.60	K5				+52	655		3	0.1	+50085
+50086	0 0 1 0 0 3 0 0 0 0	4.04	G0	V	937	3740	+49	857		0	-0.2	+50086
+50087	0 0 2 0 0 2 0 0 0 0	6.33	K5	III	949	3812	+47	779		1	-0.3	+50087
+50088	0 0 2 0 0 2 0 0 0 0											+50088
+50089	0 0 1 0 1 0 1 0 0 0											+50089
+50090	0 0 2 0 0 4 0 0 0 0								AA PER	0	0.2	+50090
+50091	0 0 1 1 0 1 0 0 0 0	5.05	G5	II	969	3883	+50	729		1	0.5	+50091
+50092	0 0 2 0 0 1 0 0 0 0	6.24	M2	G	973	3884	+44	648		1	0.0	+50092
+50093	0 0 1 1 0 1 0 0 0 0								HT PER	-4	0.6	+50093
+50094	0 0 2 0 0 3 0 0 0 0	9.00					+46	734		-3	0.3	+50094
+50095	0 0 1 0 0 4 0 0 0 0	1.79	F5	II	1017	4041	+49	917		-1	0.3	+50095
+50096R	0 0 2 0 0 2 0 0 0 0											+50096
+50097	0 0 1 0 0 2 0 0 0 0											+50097
+50098	0 0 3 0 0 2 0 0 0 0	4.37	K3	III	1052	4158	+47	843		-2	0.4	+50098
+50099	0 0 1 0 0 1 1 0 0 0	7.69	K5			4284	+52	703		-3	0.1	+50099
+50100	0 0 1 1 0 2 0 0 0 0											+50100

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+50101	3 40 31	+48 22.2	2	0.19	0.5	0.9	2.35	0.06	0.19	4.86	0.06	0.09		2.51	0.08		3	3	+50101
+50102	3 41 31	+48 51.0	2	1.50	0.5	6.0	2.90	0.09	1.25	6.71	0.09	0.50		3.81	0.13		4	4	+50102
+50103	3 42 19	+53 44.9	2	3.00	0.3	0.5	1.96	0.06	0.75	5.53	0.06	0.09		3.57	0.08		4	3	+50103
+50104	3 43 20	+52 54.8	2	1.12	0.3	1.5	2.92	0.08	1.03	7.37	0.14	0.09		4.45	0.16		3	3	+50104
+50105	3 43 22	+52 31.1	1	4.25	0.3	1.0	2.18	0.06	0.12	6.71	0.10	0.66		4.53	0.12		4	3	+50105
+50106	3 44 58	+50 42.1	2	0.12	0.3	1.1	1.68	0.07	0.06	5.30	-	-	Q	3.62	-		2	2	+50106
+50107	3 45 14	+53 1.5	2	1.50	0.3	0.9	2.42	0.07	0.37	6.63	0.09	0.09		4.21	0.11		3	3	+50107
+50108	3 45 51	+50 55.6	2	1.00	0.5	0.1	2.33	0.09	7.06	7.33	0.15	-		5.00	0.17	K	2	1	+50108
+50109	3 46 37	+48 34.8	2	0.75	0.5	1.5	2.99	0.10	0.09	7.84	0.23	0.12		4.85	0.25		3	2	+50109
+50110	4 11 14	+48 16.9	2	0.75	0.3	0.1	1.92	0.06	0.06	3.46	0.09	0.06		1.54	0.11		2	2	+50110
+50111	4 11 18	+53 35.3	2	0.19	0.3	0.2	2.63	0.09	0.09	5.85	0.07	0.19		3.22	0.11		3	3	+50111
+50112	4 11 23	+52 50.3	2	2.06	0.3	2.4	2.75	0.09	0.47	6.94	0.13	0.31		4.19	0.16		3	2	+50112
+50113	4 11 27	+46 42.5	2	1.50	0.3	2.5	2.22	0.06	0.50	6.97	0.16	-		4.75	0.17		2	1	+50113
+50114	4 11 57	+48 3.1	2	0.25	0.7	0.1	2.98	0.11	0.87	6.61	0.12	0.06		3.63	0.16		2	2	+50114
+50115	4 12 48	+50 30.4	2	0.12	0.3	0.4	1.95	0.08	0.06	6.55	0.12	0.50		4.60	0.14		2	2	+50115
+50116	4 13 26	+50 45.3	2	0.75	0.5	0.9	2.32	0.10	0.19	5.05	0.09	1.00		2.73	0.13		3	2	+50116
+50117	4 14 45	+49 44.9	2	0.50	0.3	1.0	2.41	0.07	2.00	5.93	0.08	0.06		3.52	0.11		4	2	+50117
+50118	4 19 2	+47 32.9	2	0.12	0.3	0.6	2.62	0.08	0.06	5.91	0.15	-		3.29	0.17		2	1	+50118
+50119	4 26 32	+45 50.8	2	0.12	0.5	0.1	1.27	0.06	0.06	5.18	0.07	0.06		3.91	0.09		2	2	+50119
+50120	4 29 24	+52 42.1	1	2.19	0.2	1.6	1.82	0.04	0.94	4.88	0.06	0.09		3.06	0.07		5	3	+50120
+50121	4 29 47	+48 36.8	2	0.12	0.3	1.5	1.17	0.08	0.25	5.30	0.09	0.37		4.13	0.12		2	2	+50121
+50122	4 30 34	+47 8.1	2	0.50	0.7	1.0	2.80	0.11	0.06	9.12	0.59	0.06		6.32	0.60		2	2	+50122
+50123	4 32 7	+45 6.9	2	0.75	0.5	0.1	2.87	0.11	0.19	5.90	0.11	0.06		3.03	0.16		2	2	+50123
+50124	4 35 56	+52 58.9	2	0.12	0.5	0.1	2.57	0.08	0.06	4.32	0.08	0.06		1.75	0.11		2	2	+50124
+50125	4 40 26	+48 40.3	4	-	1.0	-	2.61	0.14	-	6.88	0.15	-		4.27	0.21		1	1	+50125
+50126	4 44 1	+45 54.0	2	1.62	0.3	0.1	2.50	0.09	0.12	5.76	0.07	0.19		3.26	0.11		2	2	+50126
+50127	4 44 25	+47 33.1	2	12.00	0.3	0.7	2.63	0.08	0.47	7.47	-	-	Q	4.84	-		3	2	+50127
+50128	4 46 48	+50 19.6	2	2.00	0.7	0.1	2.63	0.10	0.37	5.75	0.09	0.44		3.12	0.13		2	2	+50128
+50129	4 47 11	+52 9.1	2	0.94	0.5	0.2	2.86	0.09	0.09	6.00	0.25	-		3.14	0.27		3	1	+50129
+50130	4 50 25	+49 49.1	2	1.12	0.5	0.7	2.80	0.09	1.12	8.90	0.51	0.06		6.10	0.52		3	2	+50130
+50131	4 52 4	+46 0.5	2	0.63	0.5	3.3	2.90	0.12	0.06	6.79	0.11	0.19		3.89	0.16		2	2	+50131
+50132	4 54 19	+48 29.1	2	1.12	0.3	1.1	1.37	0.05	1.00	5.67	-	-	Q	4.30	-		2	2	+50132
+50133	4 55 46	+53 4.9	2	0.12	0.5	0.1	2.63	0.09	0.06	4.95	0.06	0.06		2.32	0.11		2	2	+50133
+50134	4 59 29	+47 5.4	2	0.12	0.7	0.2	2.76	0.10	0.31	8.19	0.29	0.06		5.43	0.31		2	2	+50134
+50135	4 59 30	+50 33.6	2	0.12	0.5	0.1	1.54	0.06	0.31	6.11	0.10	0.06		4.57	0.12		2	2	+50135
+50136	5 1 54	+53 48.8	2	4.69	0.3	0.7	2.53	0.09	0.37	6.64	0.08	1.03		4.11	0.12		3	3	+50136
+50137	5 7 20	+52 48.8	2	0.75	0.5	0.2	2.72	0.09	15.75	9.29	0.77	-		6.57	0.78	K	3	1	+50137
+50138	5 12 7	+49 29.5	2	1.50	0.3	0.2	1.35	0.05	0.84	5.04	0.05	2.25		3.69	0.07		3	3	+50138
+50139	5 12 58	+45 56.4	1	0.19	0.3	0.9	-1.82	0.04	3.75	*	-	-		-	-		3	0*	+50139
+50140	5 13 11	+47 24.4	2	0.12	0.7	0.1	2.37	0.08	0.06	6.74	0.10	0.06		4.37	0.13		2	2	+50140
+50141	5 13 16	+53 31.5	2	0.12	0.3	0.1	-0.94	0.05	0.56	3.40	0.09	-		4.34	0.10		2	1	+50141
+50142	5 19 27	+46 58.3	2	1.12	0.3	0.7	2.54	0.07	0.09	5.25	0.06	0.69		2.71	0.09		3	2	+50142
+50143	5 19 39	+50 11.0	2	1.31	0.3	0.6	2.22	0.07	0.28	5.55	0.07	0.06		3.33	0.10		3	2	+50143
+50144	5 23 10	+50 5.0	2	1.62	0.5	0.1	2.69	0.11	2.25	7.43	0.18	0.81		4.74	0.21		2	2	+50144
+50145	5 23 46	+48 40.6	2	0.19	0.5	0.2	2.70	0.08	0.28	6.71	0.09	0.19		4.01	0.12		3	3	+50145
+50146	5 24 4	+48 11.9	2	0.19	0.3	2.6	2.64	0.07	0.09	5.28	0.15	-		2.64	0.17		3	1	+50146
+50147	5 31 31	+54 52.9	2	1.69	0.3	0.4	2.53	0.08	0.09	7.01	0.10	0.34		4.48	0.13		3	3	+50147
+50148	5 32 29	+54 24.0	2	2.00	0.3	0.1	1.68	0.07	0.12	4.21	0.08	0.06		2.53	0.11		2	2	+50148
+50149	5 36 8	+46 43.8	1	8.12	0.3	2.5	2.89	0.07	1.56	6.51	0.07	1.00		3.62	0.10		5	4	+50149
+50150	5 37 40	+51 38.5	2	5.25	0.3	3.3	2.28	0.07	0.75	6.05	0.06	1.12		3.77	0.09		4	4	+50150

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+50101	0 0 1 0 0 2 0 0 0 0	6.15	K4	III	1127	4443	+48	984		0	0.3	+50101
+50102	0 0 2 0 0 2 0 0 0 0											+50102
+50103	0 0 2 0 0 0 2 0 0 0	8.20	M2				+53	698		1	-0.1	+50103
+50104	0 0 1 1 0 0 1 0 0 0											+50104
+50105	0 0 1 1 0 1 1 0 0 0								UU PER	0	-0.3	+50105
+50106	0 0 1 0 0 1 0 0 0 0	8.80	M4				+50	829		1	0.6	+50106
+50107	0 0 1 1 0 0 1 0 0 0								WX CAM	-2	-0.5	+50107
+50108	0 0 0 1 0 1 0 0 0 0								AP PER	-1	1.4	+50108
+50109	0 0 1 0 0 2 0 0 0 0											+50109
+50110	0 0 1 0 0 1 0 0 0 0	4.13	G0	II	1303	5099	+48	1063		0	-0.2	+50110
+50111	0 0 1 1 0 0 1 0 0 0	8.20	M0				+53	748	FU PER	-3	0.6	+50111
+50112	0 0 0 1 0 1 1 0 0 0											+50112
+50113	0 0 1 0 0 1 0 0 0 0											+50113
+50114	0 0 1 0 0 1 0 0 0 0											+50114
+50115	0 0 1 0 0 1 0 0 0 0								SY PER	1	0.1	+50115
+50116	0 0 1 1 0 1 0 0 0 0	6.88	K2			5151	+50	963		0	0.7	+50116
+50117	0 0 1 0 0 3 0 0 0 0	8.30					+49	1152		-1	0.3	+50117
+50118	0 0 1 0 0 1 0 0 0 0	8.50	K5				+47	981		1	0.2	+50118
+50119	0 0 1 0 0 1 0 0 0 0	8.30					+45	940		1	0.2	+50119
+50120	0 0 0 2 0 1 2 0 0 0	7.59	K5			5530	+52	843		2	0.1	+50120
+50121	0 0 1 0 0 1 0 0 0 0	8.30					+48	1106		-2	0.3	+50121
+50122	0 0 1 0 0 1 0 0 0 0											+50122
+50123	0 0 1 0 0 1 0 0 0 0	7.72	K5			5585	+44	991		-2	0.1	+50123
+50124	0 0 0 1 0 0 1 0 0 0	5.14	K0	III	1467	5658	+52	865		-2	-0.1	+50124
+50125	0 0 0 0 0 1 0 0 0 0											+50125
+50126	0 0 1 0 0 1 0 0 0 0	7.70	MA				+45	984		4	-0.6	+50126
+50127	0 0 1 0 0 2 0 0 0 0											+50127
+50128	0 0 1 0 0 1 0 0 0 0	7.70	M0				+50	1070		-1	0.2	+50128
+50129	0 0 0 1 0 2 0 0 0 0	8.90	M0				+51	980		0	0.0	+50129
+50130	0 0 1 0 0 2 0 0 0 0								AU AUR	0	1.2	+50130
+50131	0 0 1 0 0 1 0 0 0 0											+50131
+50132	0 0 0 1 0 1 0 0 0 0								TV AUR	-3	0.1	+50132
+50133	0 0 0 1 0 0 1 0 0 0	6.26	K3	G	1588	6062	+52	906		-1	0.0	+50133
+50134	0 0 1 0 0 1 0 0 0 0											+50134
+50135	0 0 1 0 0 1 0 0 0 0	8.70	N3				+50	1112	EL AUR	-1	-0.1	+50135
+50136	0 0 2 0 0 0 1 0 0 0											+50136
+50137	0 0 0 1 0 1 1 0 0 0											+50137
+50138	0 0 0 1 0 2 0 0 0 0	8.20	MB				+49	1331	UX AUR	0	0.0	+50138
+50139	0 0 1 1 0 1 0 0 0 0	0.09	G8	III	1708	6427	+45	1077		-2	-0.6	+50139
+50140	0 0 1 0 0 1 0 0 0 0											+50140
+50141	0 0 0 1 0 0 1 0 0 0	6.50	M7	G	1707	6435	+53	882	R AUR	0	-0.4	+50141
+50142	0 0 2 0 0 1 0 0 0 0	7.08	K5			6589	+46	1007		-2	-0.2	+50142
+50143	0 0 0 1 0 2 0 0 0 0	8.20	M0				+50	1159		1	0.6	+50143
+50144	0 0 0 1 0 1 0 0 0 0								AC AUR	3	0.6	+50144
+50145	0 0 0 2 0 1 0 0 0 0											+50145
+50146	0 0 0 2 0 1 0 0 0 0	6.71	K5			6709	+48	1273		-3	0.7	+50146
+50147	0 0 2 0 0 0 1 0 0 0											+50147
+50148	0 0 1 0 0 0 1 0 0 0	5.79	M0	G	1866	6921	+54	914		0	0.1	+50148
+50149	0 0 1 1 0 3 0 0 0 0											+50149
+50150	0 0 0 2 0 2 0 0 0 0											+50150

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+50151	5	46	49	+47	26.5	2	9.50	0.3	2.5	2.44	0.06	0.87	5.58	0.09	-		3.14	0.11		4	1	+50151
+50152	5	51	32	+53	27.1	2	1.50	0.3	1.1	2.25	0.06	0.28	5.31	0.06	0.66		3.06	0.08		3	3	+50152
+50153	5	53	22	+45	30.6	2	0.19	0.3	0.4	0.61	0.04	9.28	4.42	0.10	0.84		3.81	0.11	K	3	3	+50153
+50154	5	53	35	+48	22.6	2	1.31	0.3	0.6	2.61	0.08	24.00	8.01	0.23	6.19		5.40	0.24	K,I	3	3	+50154
+50155	5	55	26	+54	17.1	2	1.00	0.3	0.1	1.39	0.06	0.25	2.98	-	-	Q	1.59	-		2	2	+50155
+50156	5	56	14	+45	56.1	1	1.00	0.3	1.0	-0.90	0.04	2.75	*	-	-		-	-		4	0*	+50156
+50157R	5	57	53	+48	57.6	1	2.25	0.3	0.5	2.65	0.06	1.12	4.93	-	-	Q	2.28	-		4	3	+50157
+50158	5	59	47	+50	37.0	2	0.37	0.3	4.5	2.30	0.07	0.66	5.77	0.06	0.28		3.47	0.09		3	3	+50158
+50159	6	6	7	+46	34.6	1	6.25	0.3	4.1	2.72	0.08	5.16	6.99	0.08	10.62		4.27	0.11	I	5	5	+50159
+50160	6	6	34	+47	44.6	2	1.69	0.3	1.9	1.50	0.05	3.94	4.68	0.08	-		3.18	0.09		3	1	+50160
+50161	6	11	14	+53	35.5	2	0.56	0.5	1.3	2.95	0.09	1.31	7.19	0.11	0.37		4.24	0.14		3	3	+50161
+50162	6	17	34	+52	32.9	1	5.75	0.3	4.5	2.07	0.05	0.87	5.36	0.05	3.62		3.29	0.07		4	4	+50162
+50163	6	20	26	+51	5.5	2	1.50	0.5	1.1	2.86	0.09	0.37	5.56	0.06	0.09		2.70	0.11		3	3	+50163
+50164	6	21	2	+49	18.9	1	4.69	0.3	0.6	0.59	0.04	4.03	3.14	0.06	1.22		2.55	0.07		3	3	+50164
+50165	6	23	41	+46	18.0	2	5.62	0.3	3.4	2.07	0.07	0.66	6.70	0.16	-		4.63	0.17		3	1	+50165
+50166	6	23	43	+53	44.0	2	1.12	0.3	0.4	2.46	0.08	0.47	6.56	0.08	2.91		4.10	0.11		3	3	+50166
+50167	6	26	20	+46	43.0	2	3.25	0.3	3.0	2.51	0.08	1.12	4.77	0.05	0.75		2.26	0.09		4	3	+50167
+50168	6	29	5	+46	56.5	2	0.87	0.8	0.1	2.73	0.11	0.69	5.59	0.07	0.44		2.86	0.13		2	2	+50168
+50169	6	29	35	+47	14.6	2	0.12	0.5	2.8	2.80	0.11	1.06	5.71	0.07	0.12		2.91	0.13		2	2	+50169
+50170	6	31	55	+45	39.9	2	0.56	0.3	3.2	1.17	0.05	2.34	4.91	0.05	5.06		3.74	0.07	I	3	3	+50170
+50171	6	34	8	+51	14.9	1	2.62	0.3	0.2	1.83	0.05	0.56	5.07	0.06	1.69		3.24	0.08		3	3	+50171
+50172	6	43	50	+48	50.5	1	1.31	0.3	2.4	2.75	0.08	1.22	4.56	0.11	0.09		1.81	0.14		3	3	+50172
+50173	6	53	22	+47	39.9	2	0.12	0.7	0.1	2.62	0.11	1.56	8.37	0.37	0.19		5.75	0.39		2	2	+50173
+50174	7	8	8	+49	52.3	1	4.06	0.3	5.0	2.41	0.06	1.25	5.06	0.05	0.63		2.65	0.08		5	4	+50174
+50175	7	9	29	+51	30.7	2	0.12	0.3	2.0	0.78	0.05	0.06	3.48	0.08	0.12		2.70	0.09		2	2	+50175
+50176	7	10	43	+46	30.2	2	1.31	0.5	0.4	2.87	0.09	1.03	6.44	0.08	1.31		3.57	0.12		3	3	+50176
+50177	7	14	29	+48	36.8	1	0.50	0.3	2.3	1.11	0.05	0.12	5.29	0.05	3.50		4.18	0.07		4	4	+50177
+50178	7	20	45	+47	16.6	2	0.87	0.5	0.1	2.07	0.07	0.37	6.18	0.10	0.81		4.11	0.12		2	2	+50178
+50179	7	21	5	+51	58.9	2	0.75	0.5	0.4	2.01	0.08	0.06	4.49	0.12	0.06		2.48	0.14		2	2	+50179
+50180	7	24	34	+46	6.5	1	0.37	0.3	1.5	-0.48	0.05	0.09	3.16	0.06	0.09		3.64	0.08		3	3	+50180
+50181	7	24	59	+48	1.4	2	0.75	0.3	0.6	1.36	0.05	0.66	4.32	0.09	0.09		2.96	0.10		3	3	+50181
+50182	7	27	19	+50	9.1	1	1.50	0.3	0.7	2.08	0.06	0.28	5.22	0.06	1.41		3.14	0.08		3	3	+50182
+50183	7	30	31	+46	15.7	2	0.25	0.5	0.5	2.92	0.11	0.12	5.66	0.07	0.06		2.74	0.13		2	2	+50183
+50184	7	32	56	+46	17.9	2	0.12	0.3	1.9	1.87	0.06	1.94	4.24	0.12	-		2.37	0.13		2	1	+50184
+50185	7	42	25	+51	8.9	2	1.12	0.5	0.2	2.83	0.10	2.34	5.51	0.06	4.12		2.68	0.12		3	3	+50185
+50186	7	51	3	+47	41.1	2	12.00	0.3	6.2	2.03	0.07	1.87	4.27	0.09	0.50		2.24	0.11		3	2	+50186
+50187	8	2	9	+51	49.9	2	1.69	0.5	1.3	2.76	0.09	0.09	6.55	0.09	0.28		3.79	0.13		3	3	+50187
+50188	8	9	57	+47	24.1	2	0.19	0.3	0.2	2.93	0.10	0.47	6.28	0.08	0.37		3.35	0.13		3	3	+50188
+50189	8	12	37	+46	56.9	2	0.75	0.5	1.5	2.82	0.09	0.37	5.51	0.05	2.50		2.69	0.10		4	4	+50189
+50190	8	14	27	+54	17.6	2	2.50	0.3	0.2	2.45	0.08	0.94	4.93	0.06	0.31		2.48	0.10		2	2	+50190
+50191	8	21	54	+52	26.5	1	4.37	0.3	4.1	1.61	0.05	0.63	5.45	0.06	0.56		3.84	0.08		5	3	+50191
+50192	8	33	7	+49	32.8	1	3.37	0.2	4.9	2.43	0.05	0.94	5.24	0.04	1.09		2.81	0.06		6	5	+50192
+50193	8	37	35	+46	0.2	2	0.50	0.5	0.1	2.95	0.11	0.50	4.80	0.06	0.06		1.85	0.13		2	2	+50193
+50194	8	55	49	+48	14.1	2	2.00	0.2	2.0	2.71	0.07	0.50	3.19	0.05	2.75		0.48	0.09		4	4	+50194
+50195	9	18	26	+53	51.0	2	0.19	0.5	0.9	2.79	0.09	3.47	5.91	-	-	Q	3.12	-		3	3	+50195
+50196	9	23	32	+49	54.3	2	5.25	0.5	1.7	2.77	0.08	0.12	5.88	0.06	1.37		3.11	0.10		4	4	+50196
+50197	9	25	37	+50	15.5	2	3.19	0.5	0.2	2.81	0.09	0.47	5.41	0.06	0.28		2.60	0.11		3	3	+50197
+50198	9	29	29	+51	53.8	2	0.12	0.3	3.1	1.97	0.07	0.69	2.82	0.06	0.87		0.85	0.09		2	2	+50198
+50199	9	39	23	+51	29.4	2	2.00	0.7	0.1	2.81	0.12	0.25	5.53	0.07	1.69		2.72	0.14		2	2	+50199
+50200	9	40	42	+53	59.3	2	5.50	0.5	0.5	2.95	0.12	1.12	6.25	0.08	1.50		3.30	0.14		4	2	+50200

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
+50151	0 0 1 1 0 2 0 0 0 0	7.70	K5				+47 1200		1	-0.3	+50151
+50152	0 0 0 2 0 0 1 0 0 0	7.80	M0				+53 962		-2	0.0	+50152
+50153	0 0 1 1 0 1 0 0 0 0	8.40	MC				+45 1202	TW AUR	-3	0.4	+50153
+50154	0 0 0 2 0 1 0 0 0 0										+50154
+50155	0 0 1 0 0 0 1 0 0 0	3.69	K0	III	2077	7521	+54 970		1	0.1	+50155
+50156	0 0 1 1 0 2 0 0 0 0	4.25	M3	II	2091	7554	+45 1217		1	0.1	+50156
+50157R	0 0 0 3 0 1 0 0 0 0	6.09	K0		2105	7598	+48 1333		0	0.1	+50157
+50158	0 0 0 2 0 1 0 0 0 0	8.80	M5				+50 1262		0	0.1	+50158
+50159	0 0 1 1 0 3 0 0 0 0							VY AUR	-2	-0.5	+50159
+50160	0 0 1 1 0 1 0 0 0 0	7.80	MB				+47 1258		-1	-0.4	+50160
+50161	0 0 0 2 0 0 1 0 0 0										+50161
+50162	0 0 0 2 0 1 1 0 0 0	8.50	M3			8143	+52 1062		1	0.2	+50162
+50163	0 0 0 2 0 1 0 0 0 0	7.27	K5			8221	+51 1185		-2	-0.8	+50163
+50164	0 0 0 2 0 1 0 0 0 0	5.02	M0	II	2289	8235	+49 1488	PSI1 AUR	-1	-0.1	+50164
+50165	0 0 0 2 0 1 0 0 0 0										+50165
+50166	0 0 0 2 0 0 1 0 0 0										+50166
+50167	0 0 0 1 0 2 1 0 0 0	5.87	K4	G	2338	8411	+46 1149		1	-0.2	+50167
+50168	0 0 0 1 0 1 0 0 0 0	7.14	K5			8472	+47 1310		0	-1.1	+50168
+50169	0 0 0 1 0 1 0 0 0 0	8.40	MA				+47 1311		0	-0.8	+50169
+50170	0 0 0 1 0 1 1 0 0 0	8.50	MB				+45 1324	TU AUR	-2	0.0	+50170
+50171	0 0 0 2 0 1 0 0 0 0	8.30	M5				+51 1220		-2	0.1	+50171
+50172	0 0 0 2 0 1 0 0 0 0	5.15	K1	III	2487	8858	+48 1436		-1	-0.2	+50172
+50173	0 0 0 1 0 0 1 0 0 0										+50173
+50174	0 0 0 2 0 3 0 0 0 0	6.89	M0			9488	+50 1401		0	-0.2	+50174
+50175	0 0 0 1 0 1 0 0 0 0	5.52	M3	G	2703	9526	+51 1295		-2	-0.1	+50175
+50176	0 0 0 1 0 0 2 0 0 0										+50176
+50177	0 0 0 3 0 0 1 0 0 0	8.80	MC				+48 1504	RS LYN	0	0.1	+50177
+50178	0 0 0 1 0 0 1 0 0 0										+50178
+50179	0 0 0 1 0 1 0 0 0 0	5.77	K5	G	2804	9860	+52 1205		1	-0.3	+50179
+50180	0 0 0 1 0 0 2 0 0 0	6.90	M3			9951	+46 1271	Y LYN	0	0.9	+50180
+50181	0 0 0 2 0 0 1 0 0 0	6.90	M3			9963	+48 1537		-2	-0.1	+50181
+50182	0 0 0 2 0 1 0 0 0 0	8.10	M2				+50 1439		3	-0.2	+50182
+50183	0 0 0 1 0 0 1 0 0 0	7.30	K5				+46 1282		-2	0.1	+50183
+50184	0 0 0 1 0 0 1 0 0 0	5.65	M0	G	2903	10168	+46 1286		2	0.3	+50184
+50185	1 0 0 1 0 1 0 0 0 0	7.06	K5			10443	+51 1351		-1	0.0	+50185
+50186	0 0 0 1 0 0 2 0 0 0	5.55	K4	G	3066	10666	+47 1499		-2	-0.6	+50186
+50187	1 0 0 1 0 1 0 0 0 0							SS LYN	-1	0.0	+50187
+50188	0 0 0 1 0 0 2 0 0 0	8.90	MC				+47 1547		-2	-0.2	+50188
+50189	0 0 0 1 0 0 3 0 0 0	6.99	K5			11228	+47 1553		0	-0.5	+50189
+50190	0 0 1 0 0 0 1 0 0 0	6.24	K5		3246	11272	+54 1215		1	-0.4	+50190
+50191	1 0 0 2 0 1 1 0 0 0										+50191
+50192	1 0 0 2 0 1 2 0 0 0	7.37	M0			11779	+49 1750		1	-0.3	+50192
+50193	0 0 0 1 0 0 1 0 0 0	5.35	G8	IV	3422	11903	+46 1422		1	-0.4	+50193
+50194	1 0 0 1 0 0 2 0 0 0	3.14	A7	V	3569	12407	+48 1707		1	-0.2	+50194
+50195	1 0 0 1 0 0 1 0 0 0	8.60	M2				+54 1293		0	0.2	+50195
+50196	1 0 0 1 0 1 1 0 0 0	7.90	M1				+50 1640		-2	-0.4	+50196
+50197	1 0 0 1 0 1 0 0 0 0	7.30	K5				+50 1644		1	0.5	+50197
+50198	1 0 0 0 0 1 0 0 0 0	3.18	F6	IV	3775	13157	+52 1401		-2	-0.6	+50198
+50199	1 0 0 0 0 1 0 0 0 0	7.10	M0				+51 1536		0	-0.5	+50199
+50200	0 0 1 1 0 0 2 0 0 0	9.40	M5				+54 1327	YY UMA	-1	-0.5	+50200

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+50201	9	46	11	+53	47.0	2	0.12	0.5	0.4	2.28	0.08	0.31	6.29	0.08	1.00		4.01	0.11		2	2	+50201
+50202	9	53	1	+54	28.5	2	0.25	0.3	0.1	2.32	0.08	0.06	5.00	0.06	0.06		2.68	0.10		2	2	+50202
+50203	10	17	34	+49	21.2	1	3.50	0.3	6.3	2.87	0.08	0.12	6.49	0.07	1.87		3.62	0.11		4	4	+50203
+50204	10	35	59	+53	55.8	2	3.00	0.5	2.3	2.61	0.08	0.12	4.64	0.07	0.25		2.03	0.11		4	2	+50204
+50205	10	50	32	+54	51.0	1	4.00	0.3	2.0	2.06	0.05	0.63	4.11	0.07	0.75		2.05	0.09		4	3	+50205
+50206	10	57	23	+45	47.8	1	2.44	0.3	1.5	2.00	0.06	0.84	4.31	0.07	0.94		2.31	0.09		3	3	+50206
+50207	11	2	55	+54	6.9	2	1.31	0.5	0.6	2.97	0.09	0.66	5.83	0.06	1.31		2.86	0.11		3	3	+50207
+50208	11	4	45	+49	26.7	1	1.50	0.2	6.0	2.23	0.05	5.50	5.38	0.04	7.31		3.15	0.06		8	6	+50208
+50209	11	6	23	+51	39.0	1	7.75	0.3	6.5	1.80	0.05	1.50	4.73	0.05	2.75		2.93	0.07		4	4	+50209
+50210	11	21	50	+48	52.9	1	0.25	0.3	0.5	2.84	0.07	1.50	5.37	0.05	2.37		2.53	0.09		4	4	+50210
+50211	11	25	8	+45	27.5	1	1.87	0.3	1.9	0.58	0.05	1.69	3.88	0.15	-		3.30	0.16		3	1	+50211
+50212	11	26	0	+49	49.9	1	3.94	0.2	1.7	2.20	0.04	1.97	5.94	0.04	7.50		3.74	0.06		7	6	+50212
+50213	11	43	26	+48	3.0	1	0.75	0.2	2.6	0.92	0.03	3.56	2.70	0.04	1.09		1.78	0.05		6	5	+50213
+50214	11	48	13	+51	41.6	1	2.25	0.3	0.7	2.66	0.07	0.12	5.48	0.05	1.75		2.82	0.09		4	4	+50214
+50215	11	51	7	+53	57.9	2	4.12	0.5	0.4	2.34	0.10	1.03	2.57	0.05	1.59		0.23	0.11		3	3	+50215
+50216	12	14	58	+53	27.5	2	3.75	0.5	0.2	2.76	0.10	0.31	4.76	0.07	0.81		2.00	0.12		2	2	+50216
+50217	12	17	21	+49	15.5	1	4.50	0.3	3.0	1.17	0.04	4.75	3.70	0.05	1.62		2.53	0.06		4	4	+50217
+50218	12	21	37	+51	50.4	1	2.19	0.3	0.9	2.76	0.06	1.87	4.20	0.06	2.19		1.44	0.08		5	5	+50218
+50219	12	42	46	+45	42.8	1	2.06	0.3	2.1	-0.77	0.05	0.37	2.83	0.05	8.06		3.60	0.07	I	3	3	+50219
+50220	12	44	18	+47	38.8	1	1.25	0.2	0.3	2.26	0.05	0.31	5.32	0.04	4.06		3.06	0.06		5	5	+50220
+50221	12	51	1	+46	55.5	1	1.87	0.2	0.3	2.02	0.04	1.09	4.99	0.04	5.16		2.97	0.06		5	5	+50221
+50222	12	52	39	+47	28.1	1	2.50	0.2	2.2	-0.13	0.04	0.78	2.91	0.04	7.34		3.04	0.06		5	5	+50222
+50223	13	0	28	+45	39.0	2	1.31	0.3	0.2	2.82	0.08	1.31	5.61	0.06	2.53		2.79	0.10		3	3	+50223
+50224	13	3	37	+45	31.7	2	1.00	0.3	0.7	2.80	0.07	0.37	4.84	0.05	2.62		2.04	0.09		4	4	+50224
+50225	13	8	7	+47	18.2	1	1.25	0.2	0.9	2.36	0.05	3.28	6.11	0.06	4.87		3.75	0.08		5	4	+50225
+50226	13	17	14	+45	47.0	1	0.37	0.3	1.5	1.10	0.04	0.94	4.52	0.06	23.81		3.42	0.07	I	3	3	+50226
+50227	13	20	57	+47	15.7	1	6.87	0.2	1.9	1.02	0.03	0.47	4.08	0.06	2.81		3.06	0.07		5	5	+50227
+50228	13	28	3	+45	59.6	2	0.19	0.5	0.2	2.28	0.07	0.09	5.15	0.06	1.50		2.87	0.09		3	3	+50228
+50229	13	35	15	+52	50.4	1	3.50	0.3	3.9	3.02	0.08	17.50	5.65	0.07	0.28		2.63	0.11	K	7	3	+50229
+50230	13	35	41	+50	58.3	1	4.50	0.3	3.0	2.37	0.05	2.00	4.98	0.04	1.97		2.61	0.06		8	7	+50230
+50231	13	38	49	+54	55.9	1	9.75	0.3	1.2	0.42	0.04	8.37	2.87	0.04	0.75		2.45	0.06	K	4	4	+50231
+50232	13	45	10	+47	59.0	1	1.87	0.3	1.9	1.49	0.06	0.31	4.78	0.04	1.72		3.29	0.07		5	5	+50232
+50233	13	45	33	+49	33.6	1	4.50	0.3	1.0	2.34	0.04	3.25	*	-	-		-	-		8	0*	+50233
+50234	13	51	27	+52	34.0	1	8.31	0.2	2.2	1.44	0.03	1.09	4.47	0.07	7.22		3.03	0.08		7	7	+50234
+50235	13	56	46	+46	50.3	1	4.12	0.3	3.0	2.63	0.05	1.50	5.39	0.04	3.75		2.76	0.06		6	6	+50235
+50236	13	57	8	+45	43.0	2	4.37	0.3	1.9	2.67	0.08	0.94	6.34	0.06	3.00		3.67	0.10		5	4	+50236
+50237	14	6	26	+49	41.6	1	5.62	0.2	3.4	0.96	0.03	3.66	3.54	0.04	2.25		2.58	0.05		9	8	+50237
+50238	14	23	30	+52	4.8	1	3.00	0.3	1.1	2.78	0.07	1.12	3.76	0.06	0.47		0.98	0.09		6	5	+50238
+50239	14	32	53	+49	35.1	1	2.50	0.2	2.0	1.87	0.04	1.50	4.34	0.05	1.53		2.47	0.06		8	7	+50239
+50240	15	4	53	+54	45.6	2	3.25	0.5	0.2	2.89	0.08	0.87	4.68	0.07	0.37		1.79	0.11		4	4	+50240
+50241	15	8	1	+53	30.4	2	0.19	0.3	0.7	2.43	0.08	0.66	5.95	0.07	0.09		3.52	0.11		3	3	+50241
+50242	15	9	59	+50	5.5	1	2.50	0.2	5.3	2.30	0.05	2.81	5.34	0.04	3.75		3.04	0.06		5	5	+50242
+50243	15	16	32	+45	48.0	1	0.25	0.3	3.0	2.61	0.06	1.12	5.18	0.05	1.12		2.57	0.08		4	4	+50243
+50244	15	26	32	+53	11.0	2	0.25	0.3	1.7	2.78	0.09	1.25	6.79	0.12	0.09		4.01	0.15		4	3	+50244
+50245	15	37	23	+47	5.1	2	1.31	0.3	0.2	2.69	0.07	0.66	5.24	0.05	1.78		2.55	0.09		3	3	+50245
+50246	15	49	18	+48	37.9	1	4.50	0.3	2.5	-0.80	0.04	2.87	3.04	0.05	0.12		3.84	0.06		4	4	+50246
+50247	16	0	48	+53	3.3	1	2.19	0.3	0.9	2.38	0.05	1.25	4.73	0.05	0.16		2.35	0.07		5	5	+50247
+50248	16	1	8	+47	22.4	1	1.87	0.3	0.7	-1.42	0.04	17.72	*	-	-		-	-	K	3	0*	+50248
+50249	16	5	20	+48	50.1	1	6.19	0.3	1.5	2.40	0.06	3.37	7.32	0.13	6.94		4.92	0.14	I	3	3	+50249
+50250	16	11	37	+48	13.4	2	0.56	0.5	0.2	2.96	0.10	0.37	6.08	0.09	0.06		3.12	0.13		3	2	+50250

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+50201	1 0 0 0 0 0 1 0 0 0											+50201
+50202	0 0 1 0 0 0 1 0 0 0	6.76	M0			13659	+54	1337		-3	-0.4	+50202
+50203	1 0 0 2 0 0 1 0 0 0	9.00					+49	1947		-2	0.0	+50203
+50204	1 0 1 0 0 0 2 0 0 0	5.52	K3	III	4165	14625	+54	1387		-2	0.0	+50204
+50205	0 0 1 1 0 0 2 0 0 0	5.20	K3	III	4246	14962	+55	1418		-2	-0.1	+50205
+50206	1 0 0 1 0 0 1 0 0 0	5.50	K5	G	4280	15109	+46	1680		0	0.1	+50206
+50207	0 0 1 1 0 0 1 0 0 0	7.60	M0				+54	1414		-3	-0.4	+50207
+50208	2 0 0 3 0 0 3 0 0 0	8.10	K5				+49	2018		0	-0.1	+50208
+50209	1 0 0 1 0 1 1 0 0 0	7.12	M0			15327	+52	1541		-1	0.0	+50209
+50210	1 0 0 2 0 0 1 0 0 0	7.10	K5			15660	+49	2050		1	0.0	+50210
+50211	1 0 0 1 0 0 1 0 0 0	6.50	M3			15723	+45	1924	ST UMA	1	-0.1	+50211
+50212	1 0 0 2 0 0 4 0 0 0											+50212
+50213	2 0 0 2 0 0 2 0 0 0	3.72	K0	III	4518	16137	+48	1966		1	-0.4	+50213
+50214	1 0 0 1 0 0 2 0 0 0	7.30	M0				+52	1590		-1	0.2	+50214
+50215	1 0 0 1 0 0 1 0 0 0	2.44	A0	V	4554	16268	+54	1475		-6	-0.5	+50215
+50216	1 0 0 0 0 0 1 0 0 0	5.83	K6	G	4672	16767	+54	1510		-4	-0.7	+50216
+50217	1 0 0 2 0 0 1 0 0 0	5.31	K4	V	4690	16814	+49	2130		0	-0.2	+50217
+50218	1 0 0 1 0 0 2 1 0 0	4.80	G7	III	4716	16906	+52	1626		1	0.0	+50218
+50219	0 1 0 1 0 0 1 0 0 0	4.86	C5		4846	17342	+46	1817	Y CVN	-1	0.0	+50219
+50220	1 1 0 1 1 0 1 0 0 0	7.60	MA				+48	2055		0	0.0	+50220
+50221	0 1 0 1 1 0 2 0 0 0	7.56	M0			17496	+47	1998		-2	-0.2	+50221
+50222	1 1 0 1 1 0 1 0 0 0	5.83	M5	III	4909	17533	+47	2003	TU CVN	-1	0.1	+50222
+50223	0 1 0 0 1 0 1 0 0 0	7.70	MA				+46	1839		-2	-0.2	+50223
+50224	0 1 0 0 1 0 2 0 0 0	5.60	K1	III	4945	17758	+46	1847		-1	-0.4	+50224
+50225	0 1 0 2 1 0 1 0 0 0	9.20					+47	2025	SY CVN	-2	-0.2	+50225
+50226	0 1 0 0 1 0 1 0 0 0	7.50	MA				+46	1862	V CVN	-3	-0.4	+50226
+50227	0 2 0 1 1 0 1 0 0 0	6.92	M3			18112	+47	2053		0	0.0	+50227
+50228	0 1 0 0 1 0 1 0 0 0	7.30	MA				+46	1873		-3	0.1	+50228
+50229	1 0 0 1 1 0 3 1 0 0	6.90	K5			18422	+53	1637		0	-0.5	+50229
+50230	1 1 0 2 1 0 2 1 0 0	6.44	M2	II	5133	18437	+51	1856		-2	0.1	+50230
+50231	1 0 0 1 0 0 2 0 0 0	4.73	M2	III	5154	18504	+55	1625		-2	-0.2	+50231
+50232	1 1 0 1 1 0 1 0 0 0	7.70	MA				+48	2152		-1	0.3	+50232
+50233	1 0 0 2 2 0 2 1 0 0	1.86	B3	V	5191	18643	+50	2027		-2	-0.1	+50233
+50234	0 1 0 1 1 0 3 1 0 0	7.05	M3			18785	+53	1667		-1	-0.1	+50234
+50235	0 1 0 1 2 0 2 0 0 0	7.18	M0			18910	+47	2108		-2	-0.1	+50235
+50236	0 2 0 0 1 0 2 0 0 0											+50236
+50237	2 0 0 1 3 0 2 1 0 0	5.24	M2	G	5300	19095	+50	2047		0	0.0	+50237
+50238	0 2 0 1 1 0 1 1 0 0	4.06	F7	V	5404	19467	+52	1804		0	-0.1	+50238
+50239	1 0 0 2 2 0 2 1 0 0	5.72	M1	G	5452	19668	+50	2095		-2	0.0	+50239
+50240	1 1 0 1 0 0 1 0 0 0	5.23	G8	III	5635	20332	+55	1730		1	0.7	+50240
+50241	0 1 0 1 0 0 1 0 0 0											+50241
+50242	2 0 0 1 1 0 0 1 0 0	7.60	M0				+50	2153		-1	0.1	+50242
+50243	0 1 0 1 1 0 1 0 0 0	6.82	K5			20586	+46	2052		-1	-0.1	+50243
+50244	0 1 0 2 0 0 1 0 0 0											+50244
+50245	0 1 0 0 2 0 0 0 0 0	6.92	K5			21060	+47	2255		0	-0.2	+50245
+50246	0 1 0 0 3 0 0 0 0 0	6.80	M8			21318	+48	2334	ST HER	1	-0.1	+50246
+50247	0 2 0 1 1 0 1 0 0 0	5.95	K5	G	5981	21569	+53	1834		-1	0.0	+50247
+50248	0 1 0 0 2 0 0 0 0 0	5.80	M8			21577	+47	2291	X HER	-2	-0.2	+50248
+50249	0 1 0 0 2 0 0 0 0 0											+50249
+50250	0 1 0 0 2 0 0 0 0 0	8.30	MB				+48	2374		-2	0.2	+50250

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+50251	16 17 47	+49 9.1	2	2.44	0.3	0.2	2.64	0.08	1.97	4.94	0.05	0.09		2.30	0.09		3	3	+50251
+50252	16 24 46	+47 56.0	2	0.94	0.7	0.2	2.64	0.09	0.09	7.06	0.12	0.56		4.42	0.15		3	3	+50252
+50253R	16 37 20	+49 0.4	1	4.50	0.3	7.3	0.29	0.05	1.62	2.98	-	-	Q	2.69	-		4	4	+50253
+50254	16 41 19	+48 30.4	2	0.19	0.7	0.9	2.92	0.09	0.28	6.33	0.15	-		3.41	0.17		3	1	+50254
+50255	16 41 50	+54 59.8	1	0.25	0.3	1.5	0.06	0.04	0.87	4.22	0.06	5.87		4.16	0.07		4	4	+50255
+50256	16 51 55	+47 29.5	2	0.12	0.3	0.1	2.83	0.09	0.19	5.05	0.06	1.87		2.22	0.11		2	2	+50256
+50257	16 52 27	+49 2.4	2	0.12	0.5	0.1	2.66	0.08	0.06	6.56	0.09	5.56		3.90	0.12	I	2	2	+50257
+50258	16 53 33	+46 21.4	2	2.44	0.3	0.9	2.57	0.08	0.37	5.58	0.06	1.59		3.01	0.10		3	3	+50258
+50259	16 54 50	+50 6.8	2	1.50	0.3	0.2	2.42	0.07	1.31	5.08	0.05	0.09		2.66	0.09		3	3	+50259
+50260	16 54 59	+53 30.0	1	1.00	0.3	1.0	2.88	0.07	0.50	7.14	0.10	0.87		4.26	0.12		4	4	+50260
+50261	16 58 36	+52 23.5	2	1.69	0.3	0.2	2.86	0.11	0.09	7.45	0.17	0.56		4.59	0.20		3	3	+50261
+50262	17 10 13	+45 23.0	2	0.37	0.3	1.7	2.74	0.08	0.37	5.15	0.05	0.75		2.41	0.09		3	3	+50262
+50263	17 13 2	+45 14.7	1	2.62	0.3	0.6	1.88	0.05	1.41	5.09	0.05	0.66		3.21	0.07		3	3	+50263
+50264	17 18 56	+46 17.7	2	0.75	0.3	0.2	1.72	0.05	0.66	4.10	0.08	0.09		2.38	0.09		3	3	+50264
+50265	17 20 41	+53 28.1	1	1.25	0.3	1.7	2.19	0.05	0.25	4.58	0.08	0.25		2.39	0.09		4	4	+50265
+50266	17 29 15	+52 20.5	2	2.62	0.3	0.6	0.71	0.04	0.75	*	-	-		-	-		3	0*	+50266
+50267	17 32 55	+53 59.5	1	1.25	0.2	1.6	2.48	0.06	10.94	7.05	0.10	32.00		4.57	0.12	K,I	5	4	+50267
+50268	17 34 17	+48 51.3	1	1.50	0.3	2.3	2.89	0.07	0.12	6.01	0.06	1.62		3.12	0.09		4	4	+50268
+50269	17 35 19	+48 36.5	1	0.75	0.3	3.5	2.67	0.07	1.37	4.48	-	-	Q	1.81	-		4	4	+50269
+50270	17 35 58	+45 56.4	2	0.37	0.5	0.2	2.56	0.08	2.91	6.49	0.08	0.37		3.93	0.11		3	3	+50270
+50271	17 37 52	+46 11.1	2	1.69	0.3	0.2	2.03	0.06	2.34	5.34	0.08	0.37		3.31	0.10		3	3	+50271
+50272R	17 47 22	+45 43.1	2	1.50	0.3	1.2	1.07	0.04	2.00	4.70	-	-	Q	3.63	-		4	3	+50272
+50273	17 55 22	+45 21.6	2	1.12	0.3	0.1	0.14	0.05	2.25	3.33	0.07	2.37		3.19	0.09		2	2	+50273
+50274	17 55 25	+51 29.7	1	16.00	0.3	0.7	-1.30	0.04	4.25	*	-	-		-	-		4	0*	+50274
+50275	17 58 17	+51 50.8	2	0.56	0.3	0.7	2.59	0.08	0.66	5.96	0.06	1.22		3.37	0.10		3	3	+50275
+50276	17 58 29	+45 30.4	2	0.12	0.5	0.4	1.85	0.05	0.31	4.23	-	-	Q	2.38	-		2	2	+50276
+50277	18 10 13	+47 38.6	2	2.19	0.5	0.6	2.97	0.08	1.56	5.97	0.05	1.87		3.00	0.09		5	4	+50277
+50278	18 19 43	+50 29.9	2	1.12	0.3	0.2	2.84	0.07	5.81	7.05	0.10	2.62		4.21	0.12	K	3	3	+50278
+50279	18 20 17	+49 5.6	1	2.19	0.2	0.3	0.62	0.04	2.97	3.23	0.04	0.94		2.61	0.06		5	5	+50279
+50280	18 26 25	+49 16.1	1	5.31	0.3	1.9	2.94	0.07	2.34	7.74	0.14	5.94		4.80	0.16		5	5	+50280
+50281	18 32 50	+52 19.4	2	0.37	0.5	0.5	2.78	0.10	0.50	4.71	0.08	0.19		1.93	0.13		2	2	+50281
+50282	18 33 23	+51 44.4	2	0.87	0.3	0.1	1.49	0.07	0.25	4.48	0.11	1.25		2.99	0.13		2	2	+50282
+50283	18 39 2	+46 2.8	2	0.19	0.3	0.6	2.86	0.08	0.75	6.00	0.06	1.59		3.14	0.10		3	3	+50283
+50284	18 47 45	+47 27.5	1	0.75	0.3	0.5	0.74	0.04	1.25	4.27	0.07	0.37		3.53	0.08		4	4	+50284
+50285	18 49 49	+46 40.8	1	0.75	0.3	1.1	2.38	0.05	1.12	5.45	0.04	3.37		3.07	0.06		6	6	+50285
+50286R	18 51 59	+50 38.5	2	0.31	0.5	2.2	2.73	0.11	0.63	4.34	-	-	Q	1.61	-		5	4	+50286
+50287	18 59 34	+46 25.4	2	1.87	0.3	0.3	2.70	0.07	2.03	6.05	0.05	6.41		3.35	0.09		5	5	+50287
+50288	19 7 17	+52 20.5	2	1.12	0.3	0.2	2.98	0.12	0.37	5.06	0.06	0.28		2.08	0.13		3	3	+50288
+50289	19 11 47	+46 53.9	1	8.75	0.3	2.2	1.75	0.04	3.94	6.96	0.07	56.00		5.21	0.08	I	7	7	+50289
+50290	19 14 45	+50 4.3	2	3.75	0.3	0.7	2.57	0.06	1.37	6.56	0.07	0.63		3.99	0.09		4	4	+50290
+50291	19 15 58	+53 16.7	2	0.12	0.3	0.2	1.62	0.06	1.06	3.05	0.06	0.56		1.43	0.08		2	2	+50291
+50292	19 16 16	+51 15.0	2	0.19	0.3	2.1	2.84	0.08	0.28	5.72	0.06	1.22		2.88	0.10		3	3	+50292
+50293	19 18 5	+48 52.8	1	4.50	0.3	2.0	2.74	0.05	1.00	5.93	0.05	0.47		3.19	0.07		8	5	+50293
+50294	19 23 14	+50 8.7	1	0.50	0.3	0.7	-0.68	0.04	5.75	2.98	0.04	26.88		3.66	0.06	I	4	4	+50294
+50295	19 27 20	+45 56.3	2	0.75	0.3	0.9	2.02	0.05	0.56	6.19	0.07	3.37		4.17	0.09		3	3	+50295
+50296	19 28 35	+48 53.8	1	5.62	0.2	2.8	1.73	0.03	1.41	6.53	0.04	2.53		4.80	0.05		9	9	+50296
+50297	19 28 44	+46 2.8	2	0.19	0.3	0.2	0.29	0.05	0.09	3.63	0.06	1.41		3.34	0.08		3	3	+50297
+50298	19 29 10	+50 31.2	1	2.25	0.3	1.2	2.99	0.07	1.25	7.51	0.12	2.62		4.52	0.14		4	4	+50298
+50299	19 29 59	+50 11.9	1	1.00	0.3	0.7	2.59	0.06	0.87	4.69	-	-	Q	2.10	-		4	4	+50299
+50300	19 32 19	+49 9.2	1	6.56	0.2	3.1	0.65	0.03	1.75	3.63	0.04	0.66		2.98	0.05		7	7	+50300

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	GC	DM	VAR	DA S	DD M	NO.
+50251	0 1 0 0 2 0 0 0 0 0	6.02	K6	G	6090	21974	+49 2491		-1	-0.3	+50251
+50252	0 1 0 0 2 0 0 0 0 0										+50252
+50253R	0 1 0 0 3 0 0 0 0 0	4.90	M2	G	6200	22412	+49 2531		-3	-1.1	+50253
+50254	0 1 0 0 2 0 0 0 0 0	8.20	MA				+48 2429		2	0.4	+50254
+50255	0 1 0 1 1 0 1 0 0 0							S DRA	-2	0.0	+50255
+50256	0 1 0 0 1 0 0 0 0 0	6.17	K2	III	6286	22782	+47 2400		0	-0.3	+50256
+50257	0 1 0 0 1 0 0 0 0 0							AI HER	1	0.6	+50257
+50258	0 1 0 1 1 0 0 0 0 0	8.00	MB.				+46 2237		-1	0.1	+50258
+50259	0 1 0 1 1 0 0 0 0 0	6.56	M2	G	6306	22852	+50 2345		1	-0.2	+50259
+50260	0 1 0 1 1 0 1 0 0 0										+50260
+50261	0 1 0 0 1 0 1 0 0 0										+50261
+50262	0 1 0 1 1 0 0 0 0 0	6.88	K2			23223	+45 2504		0	0.0	+50262
+50263	0 1 0 1 1 0 0 0 0 0	8.10	MB				+45 2511		0	0.2	+50263
+50264	0 1 0 1 1 0 0 0 0 0	5.60	MO	III	6464	23452	+46 2293		-1	0.4	+50264
+50265	0 1 0 1 1 0 1 0 0 0	5.75	K5	G	6479	23505	+53 1937		0	0.1	+50265
+50266	0 1 0 1 1 0 0 0 0 0	2.78	G2	II	6536	23741	+52 2065		-3	0.2	+50266
+50267	0 2 0 1 1 0 1 0 0 0							SY DRA	-11	-0.8	+50267
+50268	0 1 0 0 2 0 0 1 0 0	8.00					+48 2538		-2	-0.1	+50268
+50269	0 1 0 0 2 0 0 1 0 0	5.42	K1	G	6574	23894	+48 2542		0	-0.3	+50269
+50270	0 1 0 1 1 0 0 0 0 0										+50270
+50271	0 1 0 1 1 0 0 0 0 0	7.90					+46 2347		3	0.3	+50271
+50272R	0 2 0 0 2 0 0 0 0 0	8.40					+45 2602	V337 HER	0	0.1	+50272
+50273	0 1 0 0 1 0 0 0 0 0	6.22	M6		6702	24428	+45 2627	OP HER	0	0.3	+50273
+50274	0 1 0 1 1 0 0 1 0 0	2.22	K5	III	6705	24432	+51 2282		-2	0.1	+50274
+50275	0 1 0 1 1 0 0 0 0 0	8.50	M2				+51 2291		-3	0.1	+50275
+50276	0 1 0 0 1 0 0 0 0 0	5.79	MO	G	6728	24518	+45 2638		-2	0.2	+50276
+50277	0 1 0 0 4 0 0 0 0 0	7.90					+47 2596		-1	-0.2	+50277
+50278	0 1 0 0 1 0 0 1 0 0	8.80	GO				+50 2569		-17	-2.7	+50278
+50279	0 1 0 0 3 0 0 1 0 0	5.05	M2	G	6891	25085	+49 2782		1	-0.1	+50279
+50280	0 1 0 0 3 0 0 1 0 0										+50280
+50281	0 1 0 0 1 0 0 0 0 0	5.28	KO	III	6983	25396	+52 2238		1	0.6	+50281
+50282	0 1 0 0 1 0 0 0 0 0	6.71	MO			25404	+51 2404		1	-0.1	+50282
+50283	0 1 0 0 2 0 0 0 0 0	8.50	MA				+45 2760		0	-0.1	+50283
+50284	0 1 0 0 3 0 0 0 0 0	7.50	MB				+47 2702		-1	0.0	+50284
+50285	0 1 0 0 5 0 0 0 0 0	8.00	MA				+46 2563		1	0.1	+50285
+50286R	0 3 0 0 1 0 0 1 0 0	4.93	G8	III	7137	25935	+50 2686		0	-0.2	+50286
+50287	0 1 0 0 4 0 0 0 0 0	8.30	MA				+46 2599		2	0.3	+50287
+50288	0 1 0 0 2 0 0 0 0 0	5.80	K1	IV	7275	26397	+52 2350		1	-0.2	+50288
+50289	0 2 0 0 5 0 0 0 0 0							SS LYR	-3	0.2	+50289
+50290	0 2 0 0 1 0 0 1 0 0							TZ CYG	-2	0.0	+50290
+50291	0 1 0 0 1 0 0 0 0 0	3.76	KO	III	7328	26621	+53 2216		0	0.2	+50291
+50292	0 1 0 0 1 0 0 1 0 0	7.30	M1				+51 2548		-3	-0.3	+50292
+50293	0 3 0 0 4 0 0 1 0 0	7.70	MA				+48 2875		-2	0.2	+50293
+50294	0 2 0 0 1 0 0 1 0 0	7.07	M3			26820	+49 2999	CH CYG	-1	0.2	+50294
+50295	0 1 0 0 2 0 0 0 0 0							AW CYG	3	-0.1	+50295
+50296	0 4 0 0 4 0 0 1 0 0										+50296
+50297	0 1 0 0 2 0 0 0 0 0	6.40	M4			26954	+45 2913	AF CYG	1	0.2	+50297
+50298	0 2 0 0 1 0 0 1 0 0										+50298
+50299	0 2 0 0 1 0 0 1 0 0	5.55	K1	G	7427	26990	+49 3034		-2	-0.1	+50299
+50300	0 2 0 0 4 0 0 1 0 0	6.06	M4	G	7442	27045	+48 2914		0	0.1	+50300

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+50301	19	35	26	+50	5.1	1	0.31	0.3	0.3	1.90	0.05	27.81	4.64	0.08	1.78		2.74	0.09	K	5	3	+50301
+50302	19	36	9	+48	40.8	1	1.12	0.3	1.9	2.68	0.05	2.62	6.46	0.09	2.34		3.78	0.10		6	3	+50302
+50303	19	36	25	+54	50.1	2	0.37	0.3	1.5	2.39	0.07	2.06	5.38	0.06	2.44		2.99	0.09		3	3	+50303
+50304	19	39	28	+48	40.8	1	1.12	0.2	5.3	2.76	0.05	18.00	7.80	0.13	42.38		5.04	0.14	K,I	6	6	+50304
+50305	19	39	59	+47	12.7	1	0.75	0.3	1.2	2.68	0.06	1.25	5.50	0.05	0.87		2.82	0.08		4	4	+50305
+50306	19	42	12	+48	39.8	1	3.06	0.3	0.4	2.98	0.06	12.25	6.33	0.05	48.00		3.35	0.08	K,I	7	6	+50306
+50307	19	42	25	+50	56.6	2	0.19	0.5	0.2	3.00	0.09	0.09	6.15	0.06	1.22		3.15	0.11		3	3	+50307
+50308	19	43	21	+45	0.5	2	0.12	0.5	0.5	2.88	0.09	0.19	3.08	0.06	0.56		0.20	0.11		2	2	+50308
+50309	19	45	59	+47	46.8	1	3.44	0.2	0.6	1.91	0.05	0.78	4.56	0.06	0.75		2.65	0.08		5	4	+50309
+50310	19	49	22	+52	51.3	2	2.00	0.3	1.2	2.17	0.06	1.00	4.16	0.06	0.63		1.99	0.08		4	4	+50310
+50311	19	52	19	+49	27.7	1	11.37	0.2	1.7	1.68	0.03	1.97	5.19	0.03	3.06		3.51	0.04		7	7	+50311
+50312	19	58	34	+52	0.7	2	2.00	0.3	0.5	0.43	0.06	0.06	3.66	0.07	0.12		3.23	0.09		2	2	+50312
+50313R	19	59	56	+49	57.9	1	0.25	0.3	0.2	2.45	0.24	0.12	-	-	-		-	-		4	0	+50313
+50314	20	0	1	+49	54.1	1	0.25	0.3	0.2	2.44	0.25	1.62	-	-	-		-	-		4	0	+50314
+50315	20	3	46	+51	41.6	2	1.12	0.3	0.2	1.98	0.06	0.47	4.69	0.07	0.31		2.71	0.09		3	2	+50315
+50316	20	7	58	+47	43.8	2	0.37	0.3	0.4	1.97	0.05	3.47	6.10	0.06	2.62		4.13	0.08		3	3	+50316
+50317	20	9	11	+52	13.5	2	4.87	0.3	0.9	2.36	0.06	0.09	5.38	0.06	3.00		3.02	0.08		3	3	+50317
+50318	20	11	20	+49	18.0	1	3.94	0.2	2.2	0.32	0.04	3.50	4.36	0.06	6.94		4.04	0.07		7	6	+50318
+50319	20	11	40	+48	41.6	1	4.87	0.3	1.9	2.87	0.06	3.37	6.83	0.07	2.81		3.96	0.09		6	6	+50319
+50320	20	12	2	+46	35.4	2	0.56	0.5	0.6	0.45	0.06	0.19	2.54	0.05	2.06		2.09	0.08		3	3	+50320
+50321	20	13	57	+54	0.0	2	0.19	0.3	1.1	2.95	0.09	0.09	5.68	0.06	1.41		2.73	0.11		3	3	+50321
+50322	20	13	57	+47	33.8	2	1.50	0.3	0.2	0.18	0.06	1.97	*	-	-		-	-		3	0*	+50322
+50323	20	14	53	+51	2.6	2	4.31	0.3	0.2	2.57	0.07	0.37	6.30	0.07	0.75		3.73	0.10		3	3	+50323
+50324	20	18	1	+47	44.3	2	1.62	0.3	0.1	1.69	0.07	0.06	6.31	0.08	1.00		4.62	0.11		2	2	+50324
+50325	20	19	13	+53	25.6	2	1.00	0.5	0.1	2.65	0.07	0.69	4.98	0.06	0.94		2.33	0.09		2	2	+50325
+50326	20	21	13	+51	51.3	2	0.12	0.7	0.2	2.27	0.08	0.69	7.25	0.15	0.94		4.98	0.17		2	2	+50326
+50327	20	21	38	+48	40.0	1	8.75	0.3	1.6	2.75	0.06	1.56	6.10	0.05	2.34		3.35	0.08		5	5	+50327
+50328	20	22	15	+50	1.6	1	1.75	0.3	2.3	2.99	0.08	1.25	6.67	0.07	0.50		3.68	0.11		4	4	+50328
+50329	20	25	50	+53	40.3	2	0.12	0.3	0.1	2.66	0.08	0.50	6.19	0.10	-		3.53	0.13		2	1	+50329
+50330	20	26	59	+48	45.0	2	2.62	0.3	1.7	2.38	0.07	1.59	5.16	0.05	0.66		2.78	0.09		3	3	+50330
+50331	20	29	48	+49	3.1	1	2.50	0.3	0.6	1.25	0.05	3.44	3.85	0.07	0.06		2.60	0.09		5	2	+50331
+50332	20	31	17	+54	46.8	2	3.00	0.3	2.3	2.68	0.07	0.09	6.87	0.09	0.19		4.19	0.11		3	3	+50332
+50333	20	31	43	+54	17.4	2	0.12	0.3	0.1	1.90	0.06	0.19	4.84	0.11	0.37		2.94	0.13		2	2	+50333
+50334	20	32	3	+46	49.0	2	0.75	0.3	1.2	2.74	0.09	1.37	6.49	-	-	Q	3.75	-		4	4	+50334
+50335	20	36	8	+51	24.6	2	2.00	0.3	0.5	2.57	0.07	1.50	5.94	0.07	0.81		3.37	0.10		4	2	+50335
+50336	20	37	38	+53	21.0	2	0.12	0.7	0.1	2.20	0.07	0.69	6.55	0.09	0.63		4.35	0.11		2	2	+50336
+50337	20	39	35	+45	6.3	2	8.00	0.5	0.1	0.84	0.06	0.06	*	-	-		-	-		2	0*	+50337
+50338	20	39	41	+47	57.3	2	3.00	0.3	0.2	0.82	0.06	24.00	7.09	0.13	16.00		6.27	0.14	K,I	3	2	+50338
+50339	20	44	0	+46	1.0	2	0.63	0.5	0.1	2.65	0.08	0.06	6.08	0.07	0.12		3.43	0.11		2	2	+50339
+50340	20	45	6	+45	52.1	2	1.69	0.3	1.1	2.09	0.06	0.47	5.96	0.07	1.50		3.87	0.09		3	2	+50340
+50341	20	45	37	+45	23.4	2	1.69	0.3	0.4	2.32	0.06	1.22	4.96	-	-	Q	2.64	-		3	3	+50341
+50342	20	46	10	+47	39.0	2	1.31	0.3	1.1	2.13	0.06	0.56	4.46	-	-	Q	2.33	-		3	3	+50342
+50343	20	47	49	+50	20.6	2	1.87	0.3	0.3	2.75	0.08	11.56	7.50	0.12	-		4.75	0.14	K	5	1	+50343
+50344	20	47	58	+50	35.4	2	3.75	0.5	1.5	2.47	0.06	1.37	5.49	0.06	1.22		3.02	0.08		4	3	+50344
+50345	20	48	5	+49	56.4	1	0.37	0.3	0.2	1.05	0.04	0.09	4.16	0.07	0.56		3.11	0.08		3	3	+50345
+50346R	20	48	34	+45	13.9	2	2.37	0.5	0.5	2.67	0.10	0.25	7.84	-	-	Q	5.17	-		2	1	+50346
+50347	20	50	10	+47	10.1	2	1.12	0.3	0.1	0.56	0.06	3.37	6.21	0.10	-		5.65	0.12	K	2	1	+50347
+50348	20	50	28	+51	6.3	1	1.56	0.3	0.6	1.83	0.05	0.47	5.92	0.05	1.56		4.09	0.07		5	5	+50348
+50349R	20	50	37	+46	35.0	2	0.19	0.3	0.9	2.29	0.06	0.47	6.14	-	-	Q	3.85	-		3	3	+50349
+50350	20	51	8	+49	40.6	1	2.19	0.3	0.9	2.93	0.07	1.72	7.89	0.15	0.63		4.96	0.17		5	5	+50350

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
+50301	0 3 0 0 1 0 0 1 0 0	5.60	S4			27152	+49 3064	R CYG	-3	-0.1	+50301
+50302	0 2 0 0 3 0 0 1 0 0										+50302
+50303	0 2 0 0 1 0 0 0 0 0	7.50	M1				+54 2187		0	-0.5	+50303
+50304	0 2 0 0 3 0 0 1 0 0							V391 CYG	0	0.2	+50304
+50305	0 1 0 0 3 0 0 0 0 0	7.30	MA				+46 2755		-1	0.2	+50305
+50306	0 2 0 0 3 0 0 2 0 0	6.30	M3E			27318	+48 2942	RT CYG	-1	0.3	+50306
+50307	0 1 0 0 1 0 0 1 0 0	8.20	M0				+50 2861		1	-0.1	+50307
+50308	0 1 0 0 1 0 0 0 0 0	2.87	B9	III	7528	27347	+44 3234		-4	0.0	+50308
+50309	0 2 0 0 3 0 0 0 0 0	6.03	M1	G	7547	27407	+47 2916		0	-0.2	+50309
+50310	0 1 0 0 3 0 0 0 0 0	5.02	K3	III	7576	27506	+52 2547		-1	-0.4	+50310
+50311	0 2 0 0 4 0 0 1 0 0	7.90	MB				+49 3132		0	-0.1	+50311
+50312	0 1 0 0 1 0 0 0 0 0	7.05	M3			27742	+51 2734		0	0.1	+50312
+50313R	0 2 0 0 1 0 0 1 0 0	5.18	K1	II	7660	27770	+49 3158		0	0.0	+50313
+50314	0 2 0 0 1 0 0 1 0 0							Z CYG	-1	-0.1	+50314
+50315	0 1 0 0 2 0 0 0 0 0	6.12	M1		7687	27885	+51 2763		0	-0.1	+50315
+50316	0 1 0 0 2 0 0 0 0 0							SV CYG	0	0.3	+50316
+50317	0 1 0 0 2 0 0 0 0 0	7.30	M0				+51 2787		-1	-0.6	+50317
+50318	0 2 0 0 4 0 0 1 0 0	8.10	MC				+49 3225	AC CYG	-2	0.1	+50318
+50319	0 2 0 0 3 0 0 1 0 0										+50319
+50320	0 1 0 0 2 0 0 0 0 0	3.73	K1	C	7735	28099	+46 2882	V695 CYG	-2	0.0	+50320
+50321	0 2 0 0 1 0 0 0 0 0	7.46	M0			28161	+53 2374		0	0.5	+50321
+50322	0 2 0 0 1 0 0 0 0 0	3.90	K3	II	7751	28160	+47 3059	OMI2 CYG	1	0.2	+50322
+50323	0 1 0 0 1 0 0 1 0 0										+50323
+50324	0 1 0 0 1 0 0 0 0 0	6.10	R8			28290	+47 3077	U CYG	-2	0.1	+50324
+50325	0 1 0 0 1 0 0 0 0 0	6.23	K5		7791	28311	+53 2384		2	-0.6	+50325
+50326	0 1 0 0 1 0 0 0 0 0	8.20	K5				+51 2852	V365 CYG	17	0.7	+50326
+50327	0 2 0 0 2 0 0 1 0 0	7.80	K5				+48 3108		1	1.0	+50327
+50328	0 2 0 0 1 0 0 1 0 0										+50328
+50329	0 1 0 0 1 0 0 0 0 0	8.70	M2				+53 2410		-1	-0.2	+50329
+50330	0 1 0 0 1 0 0 1 0 0	6.63	K2			28501	+48 3133		1	-0.1	+50330
+50331	0 2 0 0 2 0 0 1 0 0	5.42	M2	G	7851	28569	+48 3154		1	0.1	+50331
+50332	0 2 0 0 1 0 0 0 0 0							ST CYG	3	-0.1	+50332
+50333	0 1 0 0 1 0 0 0 0 0	7.06	M0			28622	+53 2435		-3	0.3	+50333
+50334	0 1 0 0 3 0 0 0 0 0	8.40					+46 2975		-5	-0.3	+50334
+50335	0 2 0 0 1 0 0 1 0 0	8.50	M2				+51 2910		0	0.3	+50335
+50336	0 1 0 0 1 0 0 0 0 0										+50336
+50337	0 1 0 0 1 0 0 0 0 0	1.26	A2	II	7924	28846	+44 3541		-9	0.2	+50337
+50338	0 1 0 0 1 0 0 1 0 0	6.80	N3			28844	+47 3167	V CYG	0	-0.5	+50338
+50339	0 1 0 0 1 0 0 0 0 0	8.30	MA				+45 3262		-1	0.2	+50339
+50340	0 2 0 0 1 0 0 0 0 0	7.90	PEC				+45 3271	CY CYG	-3	0.1	+50340
+50341	0 2 0 0 1 0 0 0 0 0	6.52	M0	G	7966	28997	+45 3275		-1	-0.3	+50341
+50342	0 1 0 0 2 0 0 0 0 0	5.53	K5	III	7969	29012	+47 3188		-1	0.2	+50342
+50343	0 3 0 0 1 0 0 1 0 0	8.60	K2				+50 3210	V750 CYG	-14	-1.2	+50343
+50344	0 2 0 0 1 0 0 1 0 0	7.62	K5			29058	+50 3209		-2	-0.4	+50344
+50345	0 1 0 0 1 0 0 1 0 0	6.78	M3			29061	+49 3386		2	0.0	+50345
+50346R	0 1 0 0 1 0 0 0 0 0							DS CYG	-5	0.1	+50346
+50347	0 1 0 0 1 0 0 0 0 0							RZ CYG	-3	0.1	+50347
+50348	0 1 1 0 2 0 0 1 0 0	9.40	M2				+50 3217		-1	0.1	+50348
+50349R	0 1 0 0 2 0 0 0 0 0	9.00	MA				+46 3082		1	0.4	+50349
+50350	0 1 0 0 3 0 0 1 0 0										+50350

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+50351	20	56	15	+46	16.6	2	2.81	0.3	0.2	1.17	0.05	1.22	5.09	0.06	0.66		3.92	0.08		3	3	+50351
+50352	20	56	46	+47	27.5	2	1.25	0.5	0.1	2.61	0.07	0.25	7.87	-	-	Q	5.26	-		2	2	+50352
+50353	20	59	10	+45	11.4	2	0.12	0.7	0.1	2.52	0.07	0.63	7.48	-	-	Q	4.96	-		2	2	+50353
+50354	20	59	31	+49	56.4	1	2.50	0.3	0.9	2.54	0.05	0.78	7.82	0.16	0.12		5.28	0.17		5	4	+50354
+50355	21	0	54	+47	49.8	3	1.00	1.3	0.5	2.82	0.13	0.81	5.59	0.07	0.44		2.77	0.15		2	2	+50355
+50356	21	1	16	+46	17.9	2	0.75	0.5	0.1	2.88	0.13	0.37	6.36	-	-	Q	3.48	-		2	2	+50356
+50357	21	3	34	+51	36.8	2	1.50	1.0	0.5	3.29	0.13	17.00	10.77	-	-	Q	7.48	-	K	4	4	+50357
+50358	21	3	50	+45	48.3	2	0.12	0.3	1.5	2.88	0.10	0.06	7.28	0.14	0.69		4.40	0.17		2	2	+50358
+50359	21	4	53	+47	27.0	2	1.12	0.3	0.1	0.99	0.05	0.06	3.21	0.06	0.87		2.22	0.08		2	2	+50359
+50360	21	5	45	+53	12.0	2	0.56	0.3	0.2	2.82	0.08	2.25	8.66	0.35	0.09		5.84	0.36		3	3	+50360
+50361	21	8	28	+48	30.9	2	5.81	0.3	2.1	2.92	0.09	0.09	7.62	0.14	2.06		4.70	0.17		3	3	+50361
+50362	21	8	39	+52	38.6	1	0.63	0.3	0.6	2.28	0.05	1.56	9.79	-	-	Q	7.51	-		5	4	+50362
+50363	21	8	42	+47	26.9	2	0.75	0.3	0.1	1.11	0.05	0.06	4.23	-	-	Q	3.12	-		2	2	+50363
+50364	21	11	21	+50	25.1	1	4.69	0.3	0.6	2.74	0.06	0.31	8.11	0.20	0.25		5.37	0.21		5	4	+50364
+50365	21	11	24	+50	13.5	1	8.12	0.3	5.6	2.63	0.06	0.94	7.47	0.11	0.63		4.84	0.13		5	5	+50365
+50366	21	13	37	+46	12.2	2	0.12	0.3	0.1	2.27	0.06	0.06	5.49	0.09	-		3.22	0.11		2	1	+50366
+50367	21	14	14	+53	49.3	2	2.50	0.3	6.3	1.69	0.06	1.72	5.92	0.06	8.62		4.23	0.08	I	5	3	+50367
+50368	21	15	14	+49	46.3	1	3.37	0.2	1.1	1.73	0.04	1.50	6.17	0.04	1.50		4.44	0.06		6	6	+50368
+50369	21	15	33	+45	29.9	2	0.63	0.3	0.2	2.35	0.06	0.69	6.20	0.08	0.06		3.85	0.10		2	2	+50369
+50370	21	15	47	+45	51.8	2	1.25	0.3	1.1	2.61	0.08	0.44	7.45	0.21	-		4.84	0.22		2	1	+50370
+50371	21	16	59	+49	52.4	1	6.75	0.3	5.0	2.56	0.07	0.12	5.24	-	-	Q	2.68	-		4	4	+50371
+50372	21	17	43	+50	35.8	2	6.56	0.3	0.9	1.98	0.05	1.56	6.92	0.09	1.75		4.94	0.10		5	4	+50372
+50373	21	18	8	+48	55.3	2	0.75	0.3	0.2	2.78	0.07	0.28	8.69	-	-	Q	5.91	-		3	3	+50373
+50374	21	18	36	+49	8.2	2	2.06	0.3	0.2	1.06	0.05	1.03	4.80	0.07	1.59		3.74	0.09		3	3	+50374
+50375	21	19	41	+47	57.0	2	2.44	0.3	0.6	2.60	0.07	0.56	5.37	0.05	2.25		2.77	0.09		3	3	+50375
+50376	21	21	52	+52	19.0	1	0.94	0.2	4.1	2.38	0.07	4.22	7.43	0.11	0.31		5.05	0.13		5	5	+50376
+50377	21	23	1	+48	48.5	3	0.12	1.3	0.1	2.91	0.14	0.12	7.84	0.21	0.06		4.93	0.25		2	2	+50377
+50378	21	24	42	+49	29.9	1	1.87	0.3	0.6	2.90	0.07	0.63	6.24	0.05	4.84		3.34	0.09		5	5	+50378
+50379	21	26	13	+45	34.0	2	0.12	0.8	0.4	2.99	0.11	0.50	6.51	0.30	0.06		3.52	0.32		2	2	+50379
+50380	21	27	42	+46	44.4	2	1.31	0.3	0.6	3.00	0.09	0.09	6.56	0.07	0.84		3.56	0.11		3	3	+50380
+50381	21	27	46	+47	8.4	2	0.25	0.3	0.1	2.83	0.09	11.19	7.85	0.28	-		5.02	0.29	K	2	1	+50381
+50382	21	28	58	+47	27.0	2	1.25	0.3	1.1	2.93	0.09	0.06	6.04	-	-	Q	3.11	-		2	2	+50382
+50383	21	31	13	+54	5.8	1	0.50	0.3	1.0	0.66	0.04	3.25	5.70	0.05	16.00		5.04	0.06	I	4	4	+50383
+50384	21	31	25	+45	38.0	2	0.12	0.3	0.1	2.19	0.07	0.44	4.76	0.14	-		2.57	0.16		2	1	+50384
+50385	21	32	8	+45	22.2	2	0.87	0.3	0.2	1.87	0.06	0.37	3.34	0.07	0.06		1.47	0.09		2	2	+50385
+50386	21	34	10	+45	9.2	2	10.12	0.3	0.2	-1.41	0.05	1.97	*	-	-		-	-		3	0*	+50386
+50387	21	35	31	+50	50.6	2	3.12	0.3	2.2	2.90	0.08	0.94	5.69	0.05	2.34		2.79	0.09		5	5	+50387
+50388	21	38	22	+45	13.6	2	4.50	0.5	2.1	3.19	0.12	3.37	8.94	0.62	-		5.75	0.63	K	2	1	+50388
+50389	21	38	47	+51	31.6	1	1.25	0.3	0.2	2.07	0.05	0.87	6.37	0.08	1.12		4.30	0.09		4	3	+50389
+50390	21	38	58	+54	5.8	1	6.00	0.3	1.2	-0.30	0.04	7.25	3.96	0.06	8.50		4.26	0.07	K,I	4	4	+50390
+50391	21	38	59	+49	36.0	2	1.00	0.3	1.2	2.89	0.08	5.37	7.92	0.17	3.37		5.03	0.19		4	4	+50391
+50392	21	40	13	+45	32.4	2	1.87	0.3	0.6	0.19	0.07	0.37	3.43	0.09	-		3.24	0.11		3	1	+50392
+50393	21	40	30	+54	35.8	1	4.50	0.3	2.0	1.27	0.04	0.12	5.34	0.06	0.28		4.07	0.07		4	3	+50393
+50394	21	40	30	+52	50.3	1	2.62	0.3	1.1	2.94	0.07	16.50	7.97	0.17	1.41		5.03	0.18	K	6	5	+50394
+50395	21	41	51	+45	24.2	2	0.12	0.5	0.1	2.44	0.08	0.06	7.26	0.13	1.00		4.82	0.15		2	2	+50395
+50396	21	42	44	+45	6.4	2	1.37	0.5	1.4	2.96	0.10	2.44	6.30	0.08	0.63		3.34	0.13		2	2	+50396
+50397	21	43	27	+52	2.4	1	2.50	0.3	0.9	1.91	0.05	2.19	4.75	0.04	1.56		2.84	0.06		5	5	+50397
+50398	21	44	10	+49	42.1	1	3.25	0.3	0.2	2.91	0.09	0.50	6.45	0.07	3.62		3.54	0.11		4	4	+50398
+50399	21	44	53	+52	19.6	2	3.37	0.5	0.4	2.94	0.08	1.87	7.80	0.58	-		4.86	0.59		6	1	+50399
+50400	21	46	55	+52	40.0	1	4.81	0.2	2.2	2.59	0.05	3.94	6.82	0.06	4.59		4.23	0.08		7	7	+50400

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
+50351	0 1 0 0 2 0 0 0 0 0	8.00					+45 3349	AZ CYG	-2	0.3	+50351
+50352	0 1 0 0 1 0 0 0 0 0	7.40	B8				+47 3240	DH CYG	11	2.0	+50352
+50353	0 1 0 0 1 0 0 0 0 0										+50353
+50354	0 1 0 0 2 0 0 2 0 0										+50354
+50355	0 1 0 0 1 0 0 0 0 0	6.95	K5			29397	+47 3266		0	-0.2	+50355
+50356	0 1 0 0 1 0 0 0 0 0										+50356
+50357	0 1 1 0 2 0 0 0 0 0										+50357
+50358	0 1 0 0 1 0 0 0 0 0							V408 CYG	-2	0.2	+50358
+50359	0 1 0 0 1 0 0 0 0 0	4.56	K4	II	8089	29519	+47 3292		0	0.2	+50359
+50360	0 1 0 0 2 0 0 0 0 0										+50360
+50361	0 1 0 0 1 0 0 1 0 0										+50361
+50362	0 1 1 0 3 0 0 0 0 0										+50362
+50363	0 1 0 0 1 0 0 0 0 0	7.70	MB				+47 3321		-3	-0.1	+50363
+50364	0 1 0 0 2 0 0 2 0 0										+50364
+50365	0 1 0 0 2 0 0 2 0 0										+50365
+50366	0 1 0 0 1 0 0 0 0 0	8.10	MA				+45 3470		-2	-0.4	+50366
+50367	0 2 1 0 2 0 0 0 0 0							V702 CYG	-3	0.2	+50367
+50368	0 1 0 0 4 0 0 1 0 0										+50368
+50369	0 1 0 0 1 0 0 0 0 0							V590 CYG	1	0.2	+50369
+50370	0 1 0 0 1 0 0 0 0 0	8.50	B9				+45 3484		14	-0.1	+50370
+50371	0 1 0 0 2 0 0 1 0 0	7.20	K5			29839	+49 3499		-5	0.9	+50371
+50372	0 1 0 0 2 0 0 2 0 0										+50372
+50373	0 1 0 0 1 0 0 1 0 0										+50373
+50374	0 1 0 0 1 0 0 1 0 0	8.30	MB				+48 3348		1	-0.1	+50374
+50375	0 1 0 0 1 0 0 1 0 0	7.56	MO			29913	+47 3381		-2	-0.2	+50375
+50376	0 1 1 0 3 0 0 0 0 0										+50376
+50377	0 0 0 0 1 0 0 1 0 0										+50377
+50378	0 1 0 0 3 0 0 1 0 0	8.30					+49 3523		0	-0.1	+50378
+50379	0 1 0 0 1 0 0 0 0 0	8.10					+45 3550		-1	-0.1	+50379
+50380	0 1 0 0 2 0 0 0 0 0										+50380
+50381	0 1 0 0 1 0 0 0 0 0							BK CYG	2	0.0	+50381
+50382	0 1 0 0 1 0 0 0 0 0	7.90	MA				+47 3436		0	0.1	+50382
+50383	0 1 1 0 2 0 0 0 0 0										+50383
+50384	0 1 0 0 1 0 0 0 0 0	6.26	K1	II	8248	30189	+45 3584		0	0.1	+50384
+50385	0 1 0 0 1 0 0 0 0 0	4.02	G8	III	8252	30207	+44 3865		1	0.0	+50385
+50386	0 2 0 0 1 0 0 0 0 0	5.37	M4	G	8262	30250	+44 3877	W CYG	1	0.2	+50386
+50387	0 1 1 0 2 0 0 1 0 0	7.42	K5			30277	+50 3382		-2	0.3	+50387
+50388	0 1 0 0 1 0 0 0 0 0										+50388
+50389	0 1 1 0 2 0 0 0 0 0										+50389
+50390	0 1 1 0 2 0 0 0 0 0	6.90	M8E			30360	+53 2684	RU CYG	-1	-0.1	+50390
+50391	0 1 0 0 2 0 0 1 0 0							V410 CYG	0	0.7	+50391
+50392	0 2 0 0 1 0 0 0 0 0	6.47	M4		8298	30390	+45 3637		-2	0.1	+50392
+50393	0 1 1 0 2 0 0 0 0 0										+50393
+50394	0 2 1 0 3 0 0 0 0 0										+50394
+50395	0 1 0 0 1 0 0 0 0 0										+50395
+50396	0 1 0 0 1 0 0 0 0 0	8.40	MA				+44 3927		-3	0.9	+50396
+50397	0 2 1 0 2 0 0 0 0 0	6.69	K5			30471	+51 3135		0	0.2	+50397
+50398	0 1 0 0 2 0 0 1 0 0										+50398
+50399	0 2 1 0 3 0 0 0 0 0							LQ CYG	1	-0.5	+50399
+50400	0 2 1 0 4 0 0 0 0 0										+50400

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+50401	21	47	30	+52	11.2	1	5.94	0.3	0.3	1.90	0.04	0.78	6.59	0.07	2.81		4.69	0.08		5	5	+50401
+50402	21	49	10	+46	22.1	2	0.75	0.3	0.4	2.49	0.07	0.37	6.29	0.08	1.37		3.80	0.11		3	2	+50402
+50403	21	50	3	+54	51.8	1	2.75	0.3	2.5	2.80	0.07	1.00	7.39	0.11	2.25		4.59	0.13		4	4	+50403
+50404	21	50	3	+48	12.1	2	0.63	0.5	0.2	2.93	0.11	0.06	5.55	0.07	1.69		2.62	0.13		2	2	+50404
+50405	21	53	2	+51	14.5	1	2.75	0.3	0.2	2.26	0.06	3.37	7.67	0.15	32.00		5.41	0.16	I	4	4	+50405
+50406	21	53	5	+49	56.0	2	0.19	0.3	2.8	2.84	0.08	1.12	6.01	0.06	4.03		3.17	0.10		3	3	+50406
+50407	21	53	12	+47	59.5	2	1.37	0.5	0.1	2.79	0.11	0.44	7.12	-	-	Q	4.33	-		2	2	+50407
+50408	21	53	21	+54	14.7	1	1.75	0.3	2.5	2.18	0.05	1.37	6.41	0.07	1.00		4.23	0.09		4	4	+50408
+50409	21	53	22	+50	15.5	2	1.75	0.3	0.7	1.71	0.06	0.25	5.62	0.05	1.87		3.91	0.08		4	4	+50409
+50410	21	53	55	+52	17.1	2	7.00	0.3	0.7	2.29	0.06	2.37	6.14	0.06	0.87		3.85	0.08		4	4	+50410
+50411	21	56	5	+52	38.6	1	3.94	0.3	2.2	2.89	0.06	3.72	7.38	0.09	2.41		4.49	0.11		7	7	+50411
+50412	21	56	35	+54	19.6	2	0.25	0.3	1.2	2.04	0.05	0.37	5.63	0.05	1.75		3.59	0.07		4	4	+50412
+50413	21	57	37	+48	17.7	2	0.50	1.3	0.1	2.83	0.11	5.31	8.40	0.34	0.50		5.57	0.36	K	2	2	+50413
+50414	21	59	14	+48	17.2	2	0.50	0.7	0.1	2.95	0.12	0.25	6.78	-	-	Q	3.83	-		2	2	+50414
+50415	21	59	58	+48	29.1	2	2.00	0.3	0.1	0.51	0.06	0.56	5.28	0.06	4.00		4.77	0.08	I	2	2	+50415
+50416	22	0	30	+54	28.2	1	0.75	0.3	3.0	2.43	0.05	2.25	6.25	0.06	10.37		3.82	0.08	I	4	4	+50416
+50417	22	3	17	+46	30.2	2	0.19	0.3	1.3	0.92	0.05	1.31	3.84	0.06	1.59		2.92	0.08		3	3	+50417
+50418	22	4	44	+48	13.0	2	1.62	0.3	0.2	2.46	0.08	1.62	7.09	0.12	0.06		4.63	0.14		2	2	+50418
+50419	22	5	37	+47	29.7	2	3.37	0.3	0.1	2.48	0.08	1.62	7.86	0.20	0.06		5.38	0.22		2	2	+50419
+50420	22	5	42	+50	43.8	2	1.75	0.3	0.2	2.92	0.08	0.12	6.33	0.06	2.25		3.41	0.10		4	4	+50420
+50421	22	6	16	+49	32.5	2	0.75	0.7	1.5	2.67	0.08	0.37	5.05	0.06	4.41		2.38	0.10		4	3	+50421
+50422	22	10	59	+49	7.5	2	4.12	0.3	4.5	2.61	0.07	0.09	5.63	-	-	Q	3.02	-		3	3	+50422
+50423	22	11	16	+53	22.7	2	1.69	0.3	0.6	2.73	0.07	0.28	6.27	0.08	0.28		3.54	0.11		3	3	+50423
+50424	22	14	57	+49	50.8	2	0.75	0.3	0.4	2.82	0.11	0.06	6.36	0.09	3.44		3.54	0.14	I	2	2	+50424
+50425	22	18	40	+49	8.2	2	0.12	0.7	0.5	2.91	0.09	0.06	7.84	0.20	0.31		4.93	0.22		2	2	+50425
+50426	22	19	14	+51	4.4	2	7.25	0.7	0.1	2.82	0.12	0.06	6.39	0.22	-		3.57	0.25		2	1	+50426
+50427	22	19	21	+45	23.9	2	0.56	0.3	0.2	1.19	0.04	0.75	5.12	0.06	4.22		3.93	0.07		3	3	+50427
+50428	22	21	36	+51	58.6	2	6.50	0.3	0.2	1.98	0.05	0.37	3.63	0.06	0.12		1.65	0.08		4	4	+50428
+50429	22	23	4	+51	0.9	2	5.50	0.3	0.1	2.04	0.08	0.63	4.71	0.08	0.06		2.67	0.11		2	2	+50429
+50430	22	24	53	+45	9.1	2	0.19	0.3	0.2	1.90	0.05	0.09	6.02	0.07	3.84		4.12	0.09		3	3	+50430
+50431	22	25	35	+52	59.6	2	0.37	0.3	1.3	2.73	0.09	1.41	6.46	-	-	Q	3.73	-		3	3	+50431
+50432	22	26	43	+49	52.5	2	0.12	0.5	2.0	2.28	0.08	0.06	5.88	0.07	2.37		3.60	0.11		2	2	+50432
+50433	22	27	26	+47	27.2	2	0.12	0.3	0.1	0.10	0.06	0.56	*	-	-		-	-		2	0*	+50433
+50434	22	27	44	+45	34.9	2	0.75	0.3	1.1	2.61	0.08	0.47	7.47	0.42	0.31		4.86	0.43		3	2	+50434
+50435R	22	30	25	+52	57.9	2	3.00	0.3	0.4	1.30	0.05	0.66	5.27	0.06	3.09		3.97	0.08		3	3	+50435
+50436	22	32	27	+46	42.5	1	1.00	0.3	2.0	2.94	0.07	0.50	6.73	0.08	1.75		3.79	0.11		4	4	+50436
+50437	22	34	8	+47	59.9	2	0.25	0.3	0.6	2.97	0.12	0.12	7.50	0.16	0.94		4.53	0.20		2	2	+50437
+50438	22	34	50	+52	21.9	2	4.25	0.3	0.7	2.67	0.07	4.87	7.54	0.13	3.37		4.87	0.15		4	4	+50438
+50439	22	37	31	+46	48.4	2	5.31	0.7	0.6	2.60	0.07	0.94	5.81	0.05	2.03		3.21	0.09		5	5	+50439
+50440	22	38	35	+49	44.5	1	1.00	0.3	0.7	1.74	0.05	0.63	6.25	0.06	4.00		4.51	0.08		4	4	+50440
+50441	22	40	19	+53	38.5	2	0.19	0.5	0.4	2.44	0.07	0.75	4.80	0.07	0.28		2.36	0.10		3	3	+50441
+50442	22	42	7	+49	8.4	2	0.12	0.7	0.2	2.88	0.09	0.06	5.68	0.07	0.06		2.80	0.11		2	2	+50442
+50443	22	42	43	+52	15.5	2	2.81	0.3	0.7	2.63	0.11	0.47	5.08	0.08	0.12		2.45	0.14		3	2	+50443
+50444	22	43	5	+46	56.5	2	1.50	0.3	0.4	2.13	0.05	0.84	5.40	0.06	1.41		3.27	0.08		3	3	+50444
+50445	22	44	10	+45	57.4	2	0.75	0.3	1.1	2.99	0.08	0.28	5.37	0.06	0.56		2.38	0.10		3	3	+50445
+50446	22	45	39	+54	54.0	2	1.12	0.3	1.1	1.68	0.04	1.03	5.65	0.06	1.50		3.97	0.07		3	3	+50446
+50447	22	46	1	+49	19.0	2	1.25	0.3	0.5	1.80	0.05	0.12	4.69	0.08	3.00		2.89	0.09		4	4	+50447
+50448	22	49	26	+52	4.6	2	3.75	0.3	0.7	2.16	0.08	0.66	6.52	0.23	-		4.36	0.24		3	1	+50448
+50449	22	49	50	+50	42.4	3	-	0.7	-	2.85	0.14	-	7.13	0.19	-		4.28	0.24		1	1	+50449
+50450	22	50	28	+50	26.0	2	0.12	0.3	0.1	2.23	0.09	0.44	5.05	0.06	0.81		2.82	0.11		2	2	+50450

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+50401	0 2 1 0 2 0 0 0 0 0											+50401
+50402	0 1 0 0 2 0 0 0 0 0											+50402
+50403	0 1 1 0 2 0 0 0 0 0											+50403
+50404	0 1 0 0 1 0 0 0 0 0	7.14	K5			30617	+47	3584		1	0.0	+50404
+50405	0 1 1 0 1 0 0 1 0 0								BQ CYG	-3	0.0	+50405
+50406	0 1 0 0 1 0 0 1 0 0	8.70	MC				+49	3667		1	0.2	+50406
+50407	0 1 0 0 1 0 0 0 0 0								LV CYG	-2	-0.1	+50407
+50408	0 1 1 0 2 0 0 0 0 0								V413 CYG	1	-0.1	+50408
+50409	0 2 0 0 1 0 0 1 0 0								LW CYG	-1	-0.1	+50409
+50410	0 1 1 0 2 0 0 0 0 0											+50410
+50411	0 2 1 0 4 0 0 0 0 0											+50411
+50412	0 1 1 0 2 0 0 0 0 0											+50412
+50413	0 1 0 0 1 0 0 0 0 0								FG CYG	-2	0.0	+50413
+50414	0 1 0 0 1 0 0 0 0 0											+50414
+50415	0 1 0 0 1 0 0 0 0 0								GY CYG	0	0.0	+50415
+50416	0 1 1 0 2 0 0 0 0 0								DQ CYG	-2	-0.3	+50416
+50417	0 1 0 0 2 0 0 0 0 0	6.12	M8	G	8421	30898	+46	3574		0	0.2	+50417
+50418	0 1 0 0 1 0 0 0 0 0								CT LAC	4	0.0	+50418
+50419	0 1 0 0 1 0 0 0 0 0											+50419
+50420	0 1 0 0 2 0 0 1 0 0	9.10	M0				+50	3568		10	0.3	+50420
+50421	0 1 0 0 3 0 0 0 0 0	6.39	K5		8445	30979	+49	3746		-4	-0.6	+50421
+50422	0 1 0 0 2 0 0 0 0 0	7.90	K5				+48	3643		3	0.1	+50422
+50423	0 1 1 0 1 0 0 0 0 0	8.80	M0				+52	3144		-2	0.2	+50423
+50424	0 1 0 0 1 0 0 0 0 0											+50424
+50425	0 1 0 0 1 0 0 0 0 0											+50425
+50426	0 0 1 0 1 0 0 0 0 0								YZ LAC	2	-0.3	+50426
+50427	0 1 1 0 1 0 0 0 0 0	8.60	MB				+44	4106		0	0.0	+50427
+50428	0 1 1 0 2 0 0 0 0 0	4.44	G9	III	8538	31310	+51	3358		0	-0.1	+50428
+50429	0 0 1 0 1 0 0 0 0 0	6.87	M0			31333	+50	3706	AC LAC	1	0.8	+50429
+50430	0 1 1 0 1 0 0 0 0 0											+50430
+50431	0 1 1 0 1 0 0 0 0 0											+50431
+50432	0 1 0 0 1 0 0 0 0 0	8.90					+49	3864		0	-0.4	+50432
+50433	0 1 0 0 1 0 0 0 0 0	4.37	M0	II	8572	31426	+46	3719		0	0.2	+50433
+50434	0 1 1 0 1 0 0 0 0 0											+50434
+50435R	0 1 1 0 1 0 0 0 0 0	9.30	M2				+52	3237		1	-0.1	+50435
+50436	0 1 1 0 2 0 0 0 0 0											+50436
+50437	0 1 0 0 1 0 0 0 0 0	8.70					+47	3851	BY LAC	17	2.4	+50437
+50438	0 1 1 0 2 0 0 0 0 0											+50438
+50439	0 1 1 0 3 0 0 0 0 0	7.80	MB				+46	3777		-1	0.5	+50439
+50440	0 2 0 0 2 0 0 0 0 0											+50440
+50441	0 1 1 0 1 0 0 0 0 0	6.19	K2		8648	31690	+53	2960		0	-0.3	+50441
+50442	0 1 0 0 1 0 0 0 0 0	7.20	K5				+48	3823		-3	-0.6	+50442
+50443	0 0 1 0 2 0 0 0 0 0	6.52	K2		8661	31749	+51	3460		-2	0.3	+50443
+50444	0 1 1 0 1 0 0 0 0 0	7.50	MB				+46	3815		-1	0.1	+50444
+50445	0 1 1 0 1 0 0 0 0 0	6.80	K5			31777	+45	4047		0	0.3	+50445
+50446	0 1 1 0 1 0 0 0 0 0								U LAC	-2	0.4	+50446
+50447	0 1 0 0 3 0 0 0 0 0	7.16	M0			31825	+48	3844		2	-0.1	+50447
+50448	0 0 2 0 1 0 0 0 0 0								CL LAC	-2	0.0	+50448
+50449	0 0 0 0 1 0 0 0 0 0											+50449
+50450	0 1 0 0 1 0 0 0 0 0	7.37	M0			31907	+49	3959		0	-0.3	+50450

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+50451	22 53 4	+54 55.3	2	0.19	0.3	2.1	2.61	0.06	2.72	7.11	0.11	2.16		4.50	0.13		3	3	+50451
+50452	22 54 14	+49 27.7	2	3.00	0.3	0.6	0.76	0.05	0.19	3.35	0.06	1.50		2.59	0.08		3	3	+50452
+50453	22 56 59	+52 22.9	2	0.37	0.5	1.7	2.92	0.09	0.28	5.16	0.06	0.09		2.24	0.11		3	3	+50453
+50454	22 58 38	+46 14.7	2	7.00	0.3	0.5	1.08	0.06	0.75	5.11	-	-	Q	4.03	-		4	4	+50454
+50455	22 59 31	+45 37.3	2	2.75	0.5	0.1	2.98	0.13	1.00	7.21	0.15	0.06		4.23	0.20		2	2	+50455
+50456	22 59 37	+50 35.8	2	1.12	0.3	0.9	2.98	0.10	0.94	5.99	0.06	3.28		3.01	0.12		3	3	+50456
+50457	23 1 55	+49 47.1	2	0.19	0.7	0.4	2.21	0.08	0.56	3.85	0.07	1.87		1.64	0.11		3	3	+50457
+50458	23 5 19	+46 7.5	2	6.12	0.3	0.1	1.97	0.07	0.06	4.24	0.11	0.25		2.27	0.13		2	2	+50458
+50459	23 9 16	+52 36.9	1	4.00	0.3	2.3	0.97	0.04	1.25	4.90	0.06	1.12		3.93	0.07		4	4	+50459
+50460	23 9 21	+48 44.0	2	3.00	0.3	0.2	1.46	0.05	2.81	5.71	0.06	12.75		4.25	0.08	I	3	3	+50460
+50461	23 15 7	+50 33.4	2	0.25	1.2	0.1	2.98	0.12	0.06	6.01	0.07	1.69		3.03	0.14		2	2	+50461
+50462	23 15 28	+48 44.0	1	3.75	0.3	2.0	0.44	0.04	5.50	2.93	0.05	1.87		2.49	0.06		4	4	+50462
+50463	23 17 21	+48 23.0	1	4.87	0.3	5.3	1.10	0.03	2.25	4.44	0.07	4.12		3.34	0.08		6	4	+50463
+50464	23 23 16	+52 42.0	2	0.37	0.3	0.4	1.83	0.07	0.28	4.64	0.07	0.19		2.81	0.10		3	3	+50464
+50465	23 26 59	+50 57.0	2	0.75	0.5	1.1	2.45	0.09	0.19	7.24	-	-	Q	4.79	-		2	2	+50465
+50466	23 27 11	+51 24.5	2	0.50	0.3	0.1	1.67	0.06	0.44	4.98	0.08	0.06		3.31	0.10		2	2	+50466
+50467	23 27 42	+48 51.4	1	4.37	0.3	2.8	2.78	0.06	1.41	5.16	-	-	Q	2.38	-		5	5	+50467
+50468	23 30 32	+45 51.0	2	0.25	0.3	0.2	1.77	0.07	0.12	4.65	0.13	0.63		2.88	0.15		2	2	+50468
+50469	23 33 21	+50 59.0	2	0.25	0.5	0.9	2.67	0.11	0.06	5.24	0.09	0.06		2.57	0.14		2	2	+50469
+50470	23 34 56	+46 50.0	2	1.50	0.5	0.2	2.89	0.10	0.50	6.52	0.07	5.00		3.63	0.12		4	4	+50470
+50471	23 35 10	+46 11.0	2	1.12	0.3	0.1	1.25	0.06	0.06	2.91	0.08	0.06		1.66	0.10		2	2	+50471
+50472	23 35 13	+45 49.5	2	0.25	0.5	2.4	2.88	0.12	0.06	6.34	0.23	0.06		3.46	0.26		2	2	+50472
+50473	23 35 19	+51 57.8	2	1.62	0.5	0.1	2.65	0.10	0.06	5.92	0.09	0.06		3.27	0.13		2	2	+50473
+50474	23 36 37	+51 58.6	2	3.12	0.3	0.1	0.17	0.07	0.06	3.86	0.09	0.19		3.69	0.11		2	2	+50474
+50475	23 37 23	+45 9.6	2	0.75	0.5	0.1	2.61	0.08	0.06	5.91	0.10	1.50		3.30	0.13		2	2	+50475
+50476	23 37 54	+51 47.5	2	0.87	1.2	0.1	2.89	0.12	0.25	6.85	-	-	Q	3.96	-		2	2	+50476
+50477R	23 43 35	+46 8.6	2	0.12	0.7	0.4	2.43	0.07	0.63	4.24	-	-	Q	1.81	-		2	2	+50477
+50478	23 43 55	+54 12.9	2	0.37	0.3	0.2	1.35	0.05	5.34	6.18	0.07	24.00		4.83	0.09	K,I	3	3	+50478
+50479	23 48 19	+47 13.7	1	7.25	0.3	0.2	1.71	0.05	7.50	5.50	0.06	1.87		3.79	0.08	K	4	3	+50479
+50480	23 48 42	+48 41.9	1	7.81	0.3	0.9	2.77	0.06	1.09	6.15	0.08	0.56		3.38	0.10		5	2	+50480
+50481	23 51 9	+53 18.4	2	2.00	0.3	1.1	2.11	0.07	2.19	5.98	0.17	0.06		3.87	0.18		2	2	+50481
+50482	23 51 49	+53 3.5	2	0.19	0.5	0.6	2.68	0.13	0.19	7.34	0.16	0.47		4.66	0.21		3	3	+50482
+50483	23 52 50	+48 21.2	1	0.75	0.3	0.7	0.13	0.05	5.12	4.13	0.07	9.09		4.00	0.09	I	4	3	+50483
+50484	23 55 53	+51 6.6	2	-	0.5	-	-1.84	0.11	-	3.02	0.22	-		4.86	0.25	I	1*	1	+50484

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+50451	0 1 1 0 1 0 0 0 0 0											+50451
+50452	0 1 0 0 2 0 0 0 0 0	4.98	K5	II	8726	31989	+48	3887		-1	-0.2	+50452
+50453	0 0 1 0 2 0 0 0 0 0	6.26	K2		8744	32039	+51	3514		-1	-0.3	+50453
+50454	0 0 1 0 2 1 0 0 0 0	8.70	MC				+45	4117	BC AND	0	0.2	+50454
+50455	0 0 1 0 1 0 0 0 0 0								VY AND	-3	0.2	+50455
+50456	0 1 0 0 2 0 0 0 0 0	7.60	K5				+50	3911		0	0.9	+50456
+50457	0 1 0 0 2 0 0 0 0 0	4.66	K0	III	8780	32144	+49	4028		-1	0.3	+50457
+50458	0 0 1 0 1 0 0 0 0 0	5.33	K5	III	8804	32216	+45	4149		-3	0.5	+50458
+50459	0 0 2 0 2 0 0 0 0 0								SS AND	0	0.0	+50459
+50460	0 1 1 0 1 0 0 0 0 0	9.50					+48	3958		1	0.5	+50460
+50461	0 1 0 0 1 0 0 0 0 0	8.20	K5				+50	4001		0	0.2	+50461
+50462	0 2 1 0 1 0 0 0 0 0	4.86	M2	G	8860	32432	+48	3991		3	-0.5	+50462
+50463	0 2 1 0 1 2 0 0 0 0	5.28	K0	III	8874	32476	+47	4110	BE AND	11	1.9	+50463
+50464	0 0 1 0 2 0 0 0 0 0	6.94	M0			32592	+52	3440		0	-0.3	+50464
+50465	0 0 1 0 1 0 0 0 0 0	9.80	F8				+50	4054		0	0.2	+50465
+50466	0 0 1 0 1 0 0 0 0 0	8.20	M1				+50	4056		1	-0.1	+50466
+50467	0 1 1 0 1 2 0 0 0 0	6.12	K5	III	8925	32684	+48	4070		-2	-0.1	+50467
+50468	0 0 1 0 1 0 0 0 0 0	6.86	M0			32748	+45	4259		1	0.2	+50468
+50469	0 0 1 0 1 0 0 0 0 0	7.22	M0			32810	+50	4087		3	-0.2	+50469
+50470	0 0 1 0 1 2 0 0 0 0	8.80					+46	4100		3	0.1	+50470
+50471	0 0 1 0 1 0 0 0 0 0	3.88	G8	III	8961	32832	+45	4283	LAM AND	3	-0.2	+50471
+50472	0 0 1 0 1 0 0 0 0 0	8.30					+45	4285		1	-0.4	+50472
+50473	0 0 1 0 1 0 0 0 0 0	8.70	M2				+51	3670		1	-0.3	+50473
+50474	0 0 1 0 1 0 0 0 0 0	6.70	M5			32862	+51	3676	SV CAS	1	-0.5	+50474
+50475	0 0 1 0 1 0 0 0 0 0	7.80	K5				+44	4466		0	-0.4	+50475
+50476	0 0 1 0 1 0 0 0 0 0											+50476
+50477R	0 0 1 0 1 0 0 0 0 0	4.96	G5	II	9003	32988	+45	4321		2	0.1	+50477
+50478	0 0 2 0 1 0 0 0 0 0								RT CAS	-2	0.4	+50478
+50479	0 0 1 0 0 3 0 0 0 0	8.30	MC				+46	4187	TZ AND	-3	0.0	+50479
+50480	0 1 1 0 1 2 0 0 0 0	8.80					+48	4171		-1	-0.1	+50480
+50481	0 0 1 0 1 0 0 0 0 0											+50481
+50482	0 0 1 0 2 0 0 0 0 0											+50482
+50483	0 1 1 0 0 2 0 0 0 0	8.50	MC				+47	4318	RS AND	0	-0.4	+50483
+50484	0 0 1 0 1 0 0 0 0 0	6.75	M7	G	9066	33244	+50	4202	R CAS	1	0.0	+50484

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+50003	2.70	0.15	7.15	-	Q	9014
+50003	2.84	0.35	-	-		9014
+50003	2.85	0.18	7.13	0.17		9344
+50003	2.99	0.17	8.08	-	Q	9395
+50003	3.37	0.17	8.09	-	Q	9424
+50014	2.71	0.22	5.89	0.10		9069
+50014	2.45	0.12	6.14	-	Q	9395
+50014	2.38	0.09	6.30	0.11		9424
+50028	2.91	0.20	6.39	-	Q	9069
+50028	3.63	0.21	7.38	-	Q	9395
+50028	3.58	0.25	6.93	-	Q	9424
+50030	2.18	0.10	8.19	0.50		9015
+50030	2.46	0.12	8.55	0.52		9370
+50040	2.24	0.12	7.16	0.27		9014
+50040	2.52	0.40	8.33	-	Q	9395
+50040	2.64	0.14	8.14	0.43		9421
+50050	0.60	0.07	4.49	0.12		9046
+50050	0.69	0.07	4.85	0.08		9370
+50050	1.00	0.09	5.09	0.09		9483
+50058	3.05	0.19	7.14	0.28		9015
+50058	2.89	0.16	6.62	-	Q	9369
+50058	2.61	0.13	6.29	0.13		9482
+50062	1.59	0.10	6.40	0.22		9015
+50062	1.71	0.08	6.87	0.16		9369
+50062	1.20	0.08	5.15	0.09		9482
+50080	0.61	0.08	4.79	0.15		9046
+50080	0.75	0.07	5.20	0.09		9370
+50080	0.74	0.08	4.93	0.08		9483
+50096	1.94	0.09	8.22	0.45		9014
+50096	1.67	0.21	8.48	0.53		9037
+50096	2.31	0.10	9.08	0.80		9395
+50096	2.29	0.10	8.61	0.52		9424
+50108	2.57	0.14	7.64	-	Q	9138
+50108	2.09	0.10	7.33	0.15		9482
+50137	3.79	0.44	-	-		9138
+50137	2.37	0.16	9.53	-	Q	9482
+50137	2.58	0.10	9.29	0.77		9508
+50153	0.77	0.07	4.52	0.17		9042
+50153	0.48	0.06	4.27	0.18		9147
+50153	0.53	0.09	4.42	0.14		9421

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+50154	2.26	0.10	7.46	0.26		9173
+50154	2.31	0.10	7.70	0.30		9185
+50154	3.31	0.21	9.18	0.78		9424
+50159	2.83	0.16	7.44	0.22		9042
+50159	3.10	0.44	6.49	0.16		9147
+50159	2.96	0.22	6.92	0.17		9421
+50159	2.68	0.13	6.93	0.17		9421
+50159	2.48	0.12	6.94	0.16		9424
+50170	1.09	0.06	4.80	0.09		9147
+50170	1.23	0.09	4.82	0.08		9421
+50170	1.23	0.08	5.05	0.08		9559
+50219	-0.75	0.07	2.68	0.08		8894
+50219	-0.76	0.08	2.74	0.08		9222
+50219	-0.82	0.08	3.00	0.08		9559
+50226	1.05	0.06	3.95	0.10		8894
+50226	1.13	0.06	4.19	0.16		9278
+50226	1.13	0.08	4.69	0.08		9559
+50229	3.30	0.40	-	-		8843
+50229	2.94	0.15	5.29	-	Q	9246
+50229	2.72	0.19	5.61	0.10		9280
+50229	3.86	0.34	5.48	0.44		9518
+50229	2.58	0.16	5.36	-	Q	9549
+50229	3.04	0.14	5.38	-	Q	9607
+50229	2.83	0.17	5.68	0.09		9633
+50231	0.28	0.08	2.88	0.08		8813
+50231	0.47	0.08	2.80	0.09		9246
+50231	0.30	0.08	2.91	0.08		9508
+50231	0.60	0.09	2.87	0.08		9607
+50248	-1.25	0.06	*	-		8894
+50248	-1.59	0.09	*	-		9277
+50248	-1.61	0.06	*	-		9303
+50249	2.28	0.08	6.95	0.14		8942
+50249	2.42	0.12	7.58	0.31		9277
+50249	2.53	0.10	7.67	0.26		9303
+50257	2.68	0.10	6.36	0.10		8942
+50257	2.64	0.11	6.80	0.15		9303
+50267	2.21	0.11	5.89	0.10		8926
+50267	1.84	0.30	-	-		8934
+50267	2.76	0.16	8.25	0.45		9246
+50267	2.57	0.10	6.51	0.11		9309
+50267	2.37	0.10	8.13	0.43		9607

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+50278	2.87	0.11	6.87	0.15		8901
+50278	2.57	0.11	7.00	0.17		9304
+50278	3.00	0.12	7.29	0.20		9666
+50289	1.64	0.09	5.82	0.09		8894
+50289	1.74	0.08	6.97	0.15		8954
+50289	1.75	0.11	6.58	0.16		9277
+50289	1.67	0.33	6.68	0.16		9278
+50289	1.71	0.09	6.85	0.15		9303
+50289	1.94	0.33	7.65	0.25		9344
+50289	1.90	0.10	7.47	0.21		9346
+50294	-0.72	0.07	2.59	0.08		8901
+50294	-0.72	0.08	2.95	0.08		8989
+50294	-0.81	0.08	2.89	0.08		9304
+50294	-0.55	0.07	3.27	0.09		9666
+50301	2.19	0.10	4.57	0.14		8901
+50301	2.16	0.33	-	-		8923
+50301	1.86	0.10	4.80	0.15		8989
+50301	1.76	0.10	-	-		9304
+50301	1.41	0.09	4.54	0.13		9666
+50304	2.94	0.12	8.27	0.42		8923
+50304	3.15	0.17	8.72	0.54		8989
+50304	2.74	0.19	7.78	0.36		9277
+50304	2.54	0.11	7.54	0.24		9303
+50304	2.69	0.11	8.51	0.45		9346
+50304	2.45	0.10	6.53	0.12		9666
+50306	2.81	0.11	5.96	0.10		8923
+50306	3.55	0.24	7.06	0.16		8989
+50306	2.80	0.20	5.55	0.10		9277
+50306	2.84	0.14	5.96	0.10		9303
+50306	3.10	0.15	6.62	0.13		9346
+50306	2.81	0.34	-	-		9666
+50306	2.84	0.14	5.78	0.09		9666
+50338	0.18	0.11	6.34	0.11		8989
+50338	0.45	0.08	7.09	-	Q	9346
+50338	1.08	0.08	7.89	0.31		9666
+50343	2.92	0.34	5.47	-	Q	8923
+50343	2.45	0.12	-	-		8989
+50343	2.52	0.14	5.78	-	Q	8989
+50343	3.14	0.19	7.50	0.12		9304
+50343	2.90	0.28	5.40	-	Q	9666
+50347	0.66	0.08	5.50	-	Q	8954
+50347	0.45	0.07	6.21	0.10		9346

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+50357	3.62	0.25	9.72	-	Q	8934
+50357	3.92	0.40	11.37	-	Q	9015
+50357	2.62	0.14	9.43	-	Q	9304
+50357	2.75	0.35	10.33	-	Q	9304
+50367	1.55	0.33	5.65	0.09		8934
+50367	1.36	0.21	5.68	-	Q	8967
+50367	1.71	0.33	-	-		9016
+50367	1.72	0.09	6.08	0.10		9309
+50367	1.70	0.09	5.96	0.10		9370
+50381	3.08	0.13	7.85	0.28		8954
+50381	2.49	0.10	8.20	-	Q	9346
+50383	0.62	0.10	5.55	0.09		8967
+50383	0.64	0.08	5.64	0.22		9016
+50383	0.78	0.08	5.94	0.09		9309
+50383	0.57	0.08	5.42	0.09		9370
+50388	2.96	0.14	8.94	0.62		8954
+50388	3.42	0.19	9.66	-	Q	9344
+50390	-0.32	0.08	4.14	0.10		8967
+50390	-0.33	0.08	4.15	0.22		9016
+50390	-0.15	0.08	3.88	0.09		9309
+50390	-0.48	0.08	3.72	0.10		9370
+50394	2.95	0.16	8.13	0.41		8934
+50394	3.29	0.17	-	-		8960
+50394	3.11	0.19	7.60	0.35		9015
+50394	2.54	0.34	7.86	0.33		9304
+50394	2.49	0.11	8.21	0.34		9309
+50394	2.82	0.14	7.82	0.30		9370
+50405	2.36	0.10	8.46	0.44		8960
+50405	2.33	0.13	8.37	0.55		9015
+50405	2.17	0.11	7.88	0.33		9369
+50405	2.06	0.13	6.39	0.12		9666
+50413	3.12	0.19	8.67	0.52		8989
+50413	2.59	0.12	8.11	C.40		9346
+50415	0.55	0.08	5.14	0.08		8989
+50415	0.45	0.09	5.40	0.09		9346
+50416	2.32	0.09	6.13	0.10		8967
+50416	2.45	0.11	6.52	0.22		9016
+50416	2.52	0.09	6.00	0.10		9309
+50416	2.39	0.11	6.47	0.12		9370
+50424	2.80	0.15	6.50	0.12		8989
+50424	2.84	0.15	6.17	0.11		9369
+50460	1.39	0.09	5.48	0.09		8989
+50460	1.40	0.07	5.58	0.09		9069
+50460	1.57	0.08	5.96	0.10		9346
+50478	1.28	0.09	5.74	0.09		9046
+50478	1.23	0.08	5.53	0.09		9063
+50478	1.51	0.09	6.83	0.16		9370
+50479	1.43	0.09	5.15	0.22		9014
+50479	1.72	0.09	5.49	0.09		9395
+50479	1.79	0.11	-	-		9424
+50479	1.77	0.07	5.55	0.09		9424
+50483	0.07	0.09	4.16	0.11		8989
+50483	-0.07	0.10	3.71	0.12		9069
+50483	0.24	0.08	4.31	0.13		9395
+50483	0.17	0.11	4.22	-	Q	9424
+50484	-1.84	0.11	3.02	0.22		9015
+50484	*	-	*	-		9369

NO.	K MAG	K ER	I MAG	I ER	DAY 243

NO.	REMARKS
+50002	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+50096	CIT NO. 5 (ULRICH ET.AL. 1966)
+50157	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+50253	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+50272	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+50286	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+50313	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS
+50346	MORE THAN ONE STAR, UNRESOLVED
+50349	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+50435	DOUBLE STAR (S.A.O. SEARCH)
+50477	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)

Declination Zone
+55 to +65 degrees

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+60001	0	0	44	+55	24.4	1	3.00	0.3	0.5	1.27	0.04	3.75	6.66	0.07	5.50		5.39	0.08		4	4	+60001
+60002	0	1	40	+64	52.1	3	0.75	0.5	0.2	2.89	0.08	0.19	5.63	0.05	0.47		2.74	0.09		3	3	+60002
+60003	0	3	36	+60	47.1	4	0.12	0.7	0.1	2.65	0.11	0.06	5.82	0.07	0.06		3.17	0.13		2	2	+60003
+60004	0	6	32	+58	52.1	2	1.12	0.3	0.1	1.41	0.05	0.06	*	-	-		-	-		2	0*	+60004
+60005	0	6	47	+63	40.3	2	0.75	0.3	1.1	1.85	0.05	0.09	5.49	0.05	3.28		3.64	0.07		3	3	+60005
+60006	0	9	25	+60	59.5	3	0.12	0.5	0.2	2.79	0.11	0.50	7.04	0.13	0.12		4.25	0.17		2	2	+60006
+60007	0	17	59	+61	35.9	2	2.19	0.3	0.9	1.76	0.04	1.72	4.88	0.04	2.25		3.12	0.06		5	4	+60007
+60008	0	18	37	+59	40.0	3	0.12	0.5	0.1	2.65	0.09	0.06	6.79	0.11	0.19		4.14	0.14		2	2	+60008
+60009	0	20	28	+55	30.2	2	0.37	0.3	12.0	-0.97	0.05	4.97	4.03	0.07	13.03		5.00	0.09	K,I	3	3	+60009
+60010	0	22	59	+57	41.3	3	1.00	0.5	0.1	2.96	0.11	0.06	5.79	0.07	0.12		2.83	0.13		2	2	+60010
+60011R	0	33	20	+62	24.9	3	0.12	0.3	0.7	2.32	0.06	0.31	5.65	-	-	Q	3.33	-		2	2	+60011
+60012	0	34	5	+62	50.8	3	0.37	0.7	0.2	3.13	0.11	8.53	8.12	0.45	-		4.99	0.46	K	3	1	+60012
+60013	0	35	6	+63	36.9	2	7.25	0.3	0.5	2.77	0.06	0.25	6.82	-	-	Q	4.05	-		4	4	+60013
+60014	0	35	42	+60	2.6	3	1.12	0.8	1.1	2.79	0.10	0.47	5.43	0.06	0.19		2.64	0.12		3	2	+60014
+60015	0	36	17	+59	24.0	3	2.62	0.3	0.2	1.81	0.06	0.44	6.08	-	-	Q	4.27	-		2	2	+60015
+60016R	0	37	32	+59	13.9	2	0.12	0.3	0.1	1.92	0.07	0.69	4.80	-	-	Q	2.88	-		2	2	+60016
+60017	0	37	36	+56	15.5	2	0.12	0.5	0.1	-0.46	0.09	0.06	*	-	-		-	-		2	0*	+60017
+60018	0	42	56	+57	46.8	3	0.25	0.7	0.1	2.84	0.13	0.81	6.83	0.12	0.75		3.99	0.18		2	2	+60018
+60019	0	46	4	+57	33.1	2	2.25	0.3	0.4	1.84	0.06	1.31	2.94	0.05	0.94		1.10	0.08		3	3	+60019
+60020	0	46	12	+64	39.6	2	4.25	0.3	2.3	2.87	0.07	1.62	6.79	0.09	0.66		3.92	0.11		4	3	+60020
+60021	0	46	13	+56	48.4	4	0.50	0.7	0.1	2.23	0.11	0.44	5.19	0.07	0.50		2.96	0.13		2	2	+60021
+60022	0	48	15	+61	32.3	2	0.56	0.3	0.6	1.50	0.05	1.97	4.37	0.07	0.09		2.87	0.09		3	3	+60022
+60023	0	48	23	+62	39.1	4	1.25	0.3	0.1	1.24	0.05	4.19	5.26	-	-	Q	4.02	-	K	2	2	+60023
+60024	0	49	25	+59	27.4	3	0.63	0.3	0.2	1.81	0.06	0.44	5.41	0.07	0.87		3.60	0.09		2	2	+60024
+60025	0	51	17	+63	17.0	4	3.19	0.7	0.9	2.88	0.09	0.47	7.25	0.13	2.25		4.37	0.16		3	3	+60025
+60026	0	51	48	+58	17.5	3	0.19	0.5	0.4	2.61	0.09	2.62	7.09	0.12	13.87		4.48	0.15	I	3	3	+60026
+60027	0	51	56	+58	42.3	2	0.19	0.3	0.4	2.08	0.06	0.75	3.99	0.07	0.84		1.91	0.09		3	3	+60027
+60028	0	52	14	+57	0.9	4	0.37	0.7	0.1	2.92	0.15	0.06	5.74	0.07	0.50		2.82	0.17		2	2	+60028
+60029	0	53	11	+57	43.5	3	0.12	0.5	0.2	2.96	0.12	0.81	5.19	0.07	0.44		2.23	0.14		2	2	+60029
+60030	0	53	38	+58	53.9	2	0.56	0.3	3.4	2.35	0.06	0.37	4.05	0.09	0.12		1.70	0.11		3	2	+60030
+60031	0	53	39	+60	27.2	3	0.12	0.3	0.7	2.05	0.06	3.37	*	-	-		-	-	K	2	0*	+60031
+60032	0	54	43	+58	8.1	3	0.12	0.3	0.2	1.36	0.05	0.50	6.02	0.08	0.12		4.66	0.09		2	2	+60032
+60033	0	57	51	+56	20.9	2	1.25	0.3	0.1	1.41	0.06	0.06	5.18	0.06	0.06		3.77	0.08		2	2	+60033
+60034	0	59	35	+61	35.5	3	0.56	0.5	0.9	2.97	0.09	0.09	7.26	0.14	0.28		4.29	0.17		3	3	+60034
+60035	1	0	10	+62	48.9	4	0.19	0.5	0.7	2.19	0.08	0.94	6.39	0.07	4.03		4.20	0.11		3	3	+60035
+60036	1	0	31	+58	38.4	3	0.12	0.7	0.1	2.55	0.09	0.25	5.28	-	-	Q	2.73	-		2	2	+60036
+60037	1	2	11	+62	6.0	3	3.12	0.7	1.5	2.90	0.10	0.19	6.39	0.11	0.06		3.49	0.15		2	2	+60037
+60038	1	4	43	+62	22.9	4	0.87	0.5	0.6	2.21	0.06	1.50	5.42	0.06	0.06		3.21	0.08		2	2	+60038
+60039	1	5	9	+63	18.1	4	1.12	0.3	4.5	2.47	0.08	0.12	6.25	-	-	Q	3.78	-		2	2	+60039
+60040	1	7	8	+62	15.0	4	1.12	0.5	0.1	2.67	0.10	0.31	6.63	0.10	0.25		3.96	0.14		2	2	+60040
+60041	1	10	32	+62	41.5	4	0.12	0.3	2.3	1.70	0.06	3.94	6.53	0.09	0.25		4.83	0.11	K	2	2	+60041
+60042	1	14	32	+59	2.6	3	0.12	0.5	0.4	2.13	0.08	0.06	7.04	0.13	0.19		4.91	0.15		2	2	+60042
+60043	1	15	4	+57	32.6	2	3.19	0.3	0.9	0.25	0.06	0.47	3.51	0.06	12.19		3.26	0.08	I	3	3	+60043
+60044	1	16	18	+56	4.0	2	0.37	0.5	0.1	1.43	0.06	0.12	4.96	0.06	0.06		3.53	0.08		2	2	+60044
+60045	1	16	48	+57	15.7	3	2.25	0.5	0.1	2.83	0.12	0.75	6.58	0.10	0.31		3.75	0.16		2	2	+60045
+60046	1	16	48	+57	59.8	2	0.19	0.3	1.7	2.75	0.10	3.37	4.25	-	-	Q	1.50	-		3	3	+60046
+60047	1	16	54	+63	45.8	4	0.75	0.5	0.1	2.61	0.09	0.19	6.34	0.08	0.12		3.73	0.12		2	2	+60047
+60048	1	21	47	+60	48.5	3	0.12	0.8	0.6	2.28	0.08	16.00	6.73	-	-	Q	4.45	-	K	2	2	+60048
+60049	1	22	11	+57	22.9	3	0.12	0.3	0.4	2.70	0.10	0.25	6.03	0.08	0.37		3.33	0.13		2	2	+60049
+60050	1	22	33	+59	58.5	3	1.25	0.3	0.7	2.37	0.07	0.25	2.68	0.06	0.19		0.31	0.09		2	2	+60050

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+60001	0 0 2 0 1 1 0 0 0 0								Y CAS	-4	0.3	+60001
+60002	0 1 1 0 0 1 0 0 0 0	7.80	K5			32	+64	1893		0	-0.4	+60002
+60003	0 0 1 0 0 1 0 0 0 0	8.00					+60	2669		-6	-0.8	+60003
+60004	0 0 1 0 0 1 0 0 0 0	2.25	F2	IV	21	147	+58	3		1	-0.3	+60004
+60005	0 1 1 0 0 1 0 0 0 0	8.30					+63	3		-2	-0.3	+60005
+60006	0 0 1 0 0 1 0 0 0 0											+60006
+60007	0 0 1 0 0 4 0 0 0 0	7.08	K5			412	+61	43		-1	-0.3	+60007
+60008	0 0 1 0 0 1 0 0 0 0								MZ CAS	-2	-0.4	+60008
+60009	0 0 1 0 1 1 0 0 0 0	6.70	M7E			458	+54	48	T CAS	-4	-0.7	+60009
+60010	0 0 1 0 0 1 0 0 0 0	7.30	M1				+57	77		0	0.0	+60010
+60011R	0 0 1 0 0 1 0 0 0 0	8.50	MA				+61	128		1	0.2	+60011
+60012	0 1 1 0 0 1 0 0 0 0								TY CAS	0	-0.8	+60012
+60013	0 1 1 0 0 2 0 0 0 0											+60013
+60014	0 0 2 0 0 1 0 0 0 0	7.14	K2			754	+59	91		1	-0.4	+60014
+60015	0 0 1 0 0 1 0 0 0 0											+60015
+60016R	0 0 1 0 0 1 0 0 0 0	7.17	K0			787	+58	89		0	-0.5	+60016
+60017	0 0 1 0 0 1 0 0 0 0	2.24	K0	II	168	792	+55	139	ALF CAS	-4	-0.3	+60017
+60018	0 0 1 0 0 1 0 0 0 0	8.40	B9				+57	138		13	0.7	+60018
+60019	0 0 1 0 0 2 0 0 0 0	3.45	G0	V	219	962	+57	150		0	0.1	+60019
+60020	0 1 1 0 0 2 0 0 0 0											+60020
+60021	0 0 1 0 0 1 0 0 0 0	7.10	M0				+56	131		-6	0.2	+60021
+60022	0 0 1 0 0 2 0 0 0 0	6.22	K3	II	237	1014	+61	178		-2	0.2	+60022
+60023	0 0 1 0 0 1 0 0 0 0	9.10	MB				+62	161	VY CAS	-2	0.2	+60023
+60024	0 0 1 0 0 1 0 0 0 0	8.30	M2				+58	127		3	0.1	+60024
+60025	0 1 1 0 0 1 0 0 0 0								BL CAS	-5	0.0	+60025
+60026	0 0 1 0 0 2 0 0 0 0								W CAS	-8	-0.1	+60026
+60027	0 0 1 0 0 2 0 0 0 0	4.84	K2	III	253	1086	+58	134		-6	0.1	+60027
+60028	0 0 1 0 0 1 0 0 0 0	7.30	K5				+56	149		2	0.5	+60028
+60029	0 0 1 0 0 1 0 0 0 0	6.29	K3	III	260	1104	+57	172		-3	-0.1	+60029
+60030	0 0 1 0 0 2 0 0 0 0	4.64	G8	III	265	1115	+58	138		-3	-0.8	+60030
+60031	0 0 1 0 0 1 0 0 0 0	2.65	B0	IV	264	1117	+59	144	GAM CAS	-2	0.5	+60031
+60032	0 0 1 0 0 1 0 0 0 0											+60032
+60033	0 0 1 0 0 1 0 0 0 0	8.90	M5				+55	224	V365 CAS	-3	0.3	+60033
+60034	0 0 1 0 0 2 0 0 0 0											+60034
+60035	0 0 2 0 0 1 0 0 0 0											+60035
+60036	0 0 1 0 0 1 0 0 0 0	7.03	K5			1265	+58	162		-3	-0.1	+60036
+60037	0 0 1 0 0 1 0 0 0 0											+60037
+60038	0 0 1 0 0 1 0 0 0 0	8.10	MA				+61	211		1	-0.3	+60038
+60039	0 0 1 0 0 1 0 0 0 0	8.90					+62	207	HS CAS	1	-1.1	+60039
+60040	0 0 1 0 0 1 0 0 0 0	9.00					+61	216		8	-2.4	+60040
+60041	0 0 1 0 0 1 0 0 0 0											+60041
+60042	0 0 1 0 0 1 0 0 0 0								BQ CAS	0	0.3	+60042
+60043	0 0 2 0 0 1 0 0 0 0	6.75	M3			1563	+57	237		-2	0.2	+60043
+60044	0 0 1 0 0 1 0 0 0 0	8.20	M2				+55	290	AA CAS	-1	0.0	+60044
+60045	0 0 1 0 0 1 0 0 0 0											+60045
+60046	0 0 2 0 0 1 0 0 0 0	4.95	F0	II	382	1594	+57	260		-8	1.6	+60046
+60047	0 0 1 0 0 1 0 0 0 0	9.40					+63	173		-7	0.0	+60047
+60048	0 0 1 0 0 1 0 0 0 0								BT CAS	1	-0.6	+60048
+60049	0 0 1 0 0 1 0 0 0 0	8.50	K7				+56	269		-1	0.3	+60049
+60050	0 0 1 0 0 1 0 0 0 0	2.68	A5	V	403	1715	+59	248	DEL CAS	1	-0.1	+60050

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+60051	1	26	5	+61	30.1	3	1.87	0.5	0.7	2.68	0.08	0.84	6.48	0.07	0.09		3.80	0.11		3	3	+60051
+60052	1	26	7	+64	47.3	3	0.75	0.5	0.1	2.24	0.09	0.06	7.00	0.13	0.06		4.76	0.16		2	2	+60052
+60053	1	28	34	+62	4.4	4	1.12	0.5	0.2	2.11	0.07	1.19	5.66	0.06	0.69		3.55	0.09		2	2	+60053
+60054	1	30	9	+61	18.6	4	0.25	1.0	0.7	2.94	0.13	0.12	6.30	0.09	0.12		3.36	0.16		2	2	+60054
+60055	1	30	16	+58	3.8	3	1.12	0.3	0.1	1.87	0.07	0.19	4.38	0.09	0.06		2.51	0.11		2	2	+60055
+60056	1	30	16	+57	29.5	3	0.12	0.3	0.1	2.53	0.10	1.06	7.01	0.12	1.25		4.48	0.16		2	2	+60056
+60057	1	30	37	+58	58.6	3	0.12	0.3	0.1	2.33	0.08	0.06	3.97	0.08	0.06		1.64	0.11		2	2	+60057
+60058R	1	34	25	+62	31.9	4	1.12	0.3	4.5	2.34	0.08	2.87	6.20	-	-	Q	3.86	-	K	2	2	+60058
+60059	1	34	53	+57	43.8	3	0.12	0.3	0.2	2.49	0.09	0.06	4.58	0.06	0.12		2.09	0.11		2	2	+60059
+60060	1	36	32	+60	39.4	3	0.12	0.5	0.9	1.96	0.06	0.63	5.49	0.06	0.06		3.53	0.08		2	2	+60060
+60061	1	39	49	+56	15.4	2	0.87	0.5	0.1	2.99	0.12	0.87	6.29	0.08	0.31		3.30	0.14		2	2	+60061
+60062	1	40	17	+58	33.0	3	1.75	0.7	0.1	2.69	0.12	0.12	6.80	0.11	0.94		4.11	0.16		2	2	+60062
+60063R	1	42	36	+60	45.0	2	13.12	0.3	14.4	2.61	0.08	5.16	6.65	-	-	Q	4.04	-		5	3	+60063
+60064	1	43	37	+60	7.6	3	1.25	0.3	0.1	2.66	0.09	0.12	6.15	0.07	0.06		3.49	0.11		2	2	+60064
+60065	1	43	41	+62	19.1	4	1.25	1.0	0.1	2.55	0.10	0.12	6.65	0.10	0.06		4.10	0.14		2	2	+60065
+60066R	1	47	40	+64	36.5	3	0.12	0.3	0.2	1.60	0.06	0.69	4.60	-	-	Q	3.00	-		2	2	+60066
+60067	1	50	32	+59	54.6	3	0.12	0.5	0.2	2.31	0.07	0.12	5.61	0.07	0.63		3.30	0.10		2	2	+60067
+60068	1	52	49	+61	57.4	2	3.00	0.3	3.2	1.98	0.05	2.34	5.87	0.07	0.06		3.89	0.09		3	2	+60068
+60069	1	53	8	+59	1.1	2	2.25	0.3	0.4	2.46	0.08	2.53	7.09	0.11	0.09		4.63	0.14		3	3	+60069
+60070	1	54	56	+59	1.2	3	0.12	0.5	0.2	2.43	0.10	0.81	5.99	0.08	0.12		3.56	0.13		2	2	+60070
+60071	1	57	50	+63	54.0	3	1.50	0.5	1.0	2.05	0.06	0.12	6.04	0.07	0.87		3.99	0.09		2	2	+60071
+60072	1	58	25	+61	39.9	3	0.19	0.5	0.2	2.27	0.06	1.59	5.25	0.05	0.28		2.98	0.08		3	3	+60072
+60073	2	4	41	+59	1.5	3	0.87	0.3	0.1	2.60	0.11	1.75	6.91	0.12	0.44		4.31	0.16		2	2	+60073
+60074	2	6	49	+56	19.4	2	1.12	0.3	1.3	2.10	0.06	0.37	5.56	0.06	0.09		3.46	0.08		3	3	+60074
+60075	2	8	40	+63	56.1	3	1.50	0.3	0.7	1.45	0.05	0.25	6.17	0.08	6.12		4.72	0.09	I	2	2	+60075
+60076	2	12	8	+63	0.7	4	0.12	0.5	0.2	2.71	0.09	0.56	5.46	0.06	2.37		2.75	0.11		2	2	+60076
+60077R	2	14	22	+63	38.6	3	0.25	0.5	0.2	2.47	0.08	0.06	6.24	-	-	Q	3.77	-		2	2	+60077
+60078	2	15	22	+57	11.9	3	0.37	0.5	1.4	2.28	0.09	0.06	6.14	0.11	0.63		3.86	0.14		2	2	+60078
+60079	2	15	43	+58	43.6	3	0.12	0.5	1.7	2.67	0.09	0.87	6.07	0.08	1.00		3.40	0.12		2	2	+60079
+60080	2	15	43	+63	56.0	3	3.37	0.3	0.1	1.86	0.05	0.12	6.58	0.09	2.75		4.72	0.10	I	2	2	+60080
+60081	2	16	45	+59	26.7	3	0.12	0.3	1.9	2.55	0.08	1.56	6.30	0.11	5.31		3.75	0.14	I	2	2	+60081
+60082	2	16	57	+56	45.8	2	0.94	0.5	0.6	2.15	0.10	0.28	5.67	0.07	1.31		3.52	0.12		3	2	+60082
+60083	2	17	35	+56	56.3	4	0.12	0.7	0.2	2.54	0.10	0.12	6.08	0.10	-		3.54	0.14		2	1	+60083
+60084	2	18	1	+60	40.6	3	0.12	0.5	0.6	2.55	0.08	0.06	7.30	-	-	Q	4.75	-		2	2	+60084
+60085	2	18	5	+57	38.0	3	0.12	0.3	0.4	2.32	0.08	0.06	5.67	0.07	1.19		3.35	0.11		2	2	+60085
+60086	2	18	35	+56	22.7	2	2.81	0.3	2.6	1.50	0.05	0.56	4.94	0.06	1.31		3.44	0.08		3	3	+60086
+60087R	2	18	56	+56	52.4	3	1.75	0.5	0.1	1.72	0.07	0.44	5.90	-	-	Q	4.18	-		2	2	+60087
+60088	2	19	16	+58	21.5	2	1.12	0.3	0.7	1.31	0.08	2.34	5.70	0.07	13.94		4.39	0.11	I	3	2	+60088
+60089R	2	19	45	+56	59.0	2	1.69	0.3	1.7	2.45	0.08	0.47	5.85	-	-	Q	3.40	-		3	2	+60089
+60090	2	21	46	+57	13.0	2	3.75	0.3	2.1	1.95	0.05	0.19	5.58	0.07	1.31		3.63	0.09		3	2	+60090
+60091	2	23	45	+60	27.9	3	1.00	0.3	0.7	1.89	0.06	1.50	7.24	0.15	0.06		5.35	0.16		2	2	+60091
+60092R	2	31	43	+64	56.6	3	4.87	0.3	5.8	2.68	0.09	16.00	8.15	0.45	-		5.47	0.46	K	2	1	+60092
+60093	2	34	48	+56	49.6	3	2.81	0.5	0.6	2.17	0.14	0.66	5.52	0.07	0.94		3.35	0.16		3	3	+60093
+60094	2	36	3	+59	23.0	3	5.25	0.3	0.1	1.97	0.07	0.12	6.22	0.08	0.06		4.25	0.11		2	2	+60094
+60095	2	42	43	+62	48.1	3	0.19	0.3	1.3	1.01	0.08	0.09	5.39	0.06	0.44		4.38	0.10		3	2	+60095
+60096	2	46	8	+60	49.6	3	7.31	0.5	0.6	1.88	0.06	0.19	7.26	0.13	0.09		5.38	0.14		3	3	+60096
+60097	2	46	53	+56	46.9	2	0.19	0.3	0.7	2.13	0.09	0.94	6.30	0.08	0.19		4.17	0.12		3	2	+60097
+60098	2	47	0	+60	32.8	3	2.25	0.3	0.7	2.63	0.07	0.09	7.16	0.11	0.47		4.53	0.13		3	3	+60098
+60099	2	47	2	+55	41.3	1	1.75	0.3	0.7	0.11	0.05	1.12	*	-	-		-	-		4	0*	+60099
+60100	2	47	19	+57	39.1	3	0.87	0.5	0.6	2.11	0.07	0.50	6.22	0.08	0.06		4.11	0.11		2	2	+60100

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+60051	0 0 1 0 0 2 0 0 0 0	9.10					+61	270		4	-0.1	+60051
+60052	0 0 1 0 0 1 0 0 0 0											+60052
+60053	0 0 1 0 0 1 0 0 0 0	7.80					+61	284	IM CAS	-4	0.0	+60053
+60054	0 0 1 0 0 1 0 0 0 0	8.40					+60	265		-3	0.5	+60054
+60055	0 0 1 0 0 1 0 0 0 0	5.92	K1	C	439	1870	+57	320		6	-0.5	+60055
+60056	0 0 1 0 0 1 0 0 0 0								WW CAS	-1	-0.3	+60056
+60057	0 0 1 0 0 1 0 0 0 0	4.72	G8	III	442	1879	+58	260		-2	0.0	+60057
+60058R	0 0 1 0 0 1 0 0 0 0	9.00					+62	281		-1	-0.7	+60058
+60059	0 0 1 0 0 1 0 0 0 0	5.56	G5	II	461	1965	+57	349		2	0.3	+60059
+60060	0 0 1 0 0 1 0 0 0 0	8.30					+60	299		3	0.4	+60060
+60061	0 0 1 0 0 1 0 0 0 0	8.60	M0				+55	388		3	-0.3	+60061
+60062	0 0 1 0 0 1 0 0 0 0	9.10	G5				+58	284		-19	-1.0	+60062
+60063R	0 0 4 0 0 1 0 0 0 0	9.00					+60	335		-3	0.4	+60063
+60064	0 0 1 0 0 1 0 0 0 0	9.60	K7			2151	+59	319		1	0.3	+60064
+60065	0 0 1 0 0 1 0 0 0 0								BX CAS	3	-0.1	+60065
+60066R	0 0 1 0 0 1 0 0 0 0	6.94	K5			2218	+64	243		1	0.0	+60066
+60067	0 0 1 0 0 1 0 0 0 0	7.60	M0				+59	344		-1	0.2	+60067
+60068	0 0 2 0 0 1 0 0 0 0											+60068
+60069	0 0 1 0 0 2 0 0 0 0								X CAS	-2	0.2	+60069
+60070	0 0 1 0 0 1 0 0 0 0	8.30	K7				+58	342		-5	-0.3	+60070
+60071	0 0 1 0 0 1 0 0 0 0											+60071
+60072	0 0 1 0 0 2 0 0 0 0	7.10	MA				+61	366		1	0.0	+60072
+60073	0 0 1 0 0 1 0 0 0 0											+60073
+60074	0 0 2 0 0 1 0 0 0 0	7.60	K5				+55	529	KK PER	0	0.0	+60074
+60075	0 0 1 0 0 1 0 0 0 0											+60075
+60076	0 0 1 0 0 1 0 0 0 0	7.24	K2			2696	+62	369		-1	0.5	+60076
+60077R	0 0 1 0 0 1 0 0 0 0	9.20					+63	312		-2	-0.3	+60077
+60078	0 0 1 0 0 1 0 0 0 0								BU PER	0	0.4	+60078
+60079	0 0 1 0 0 1 0 0 0 0	8.34	K5			2775	+58	439	T PER	-3	-0.3	+60079
+60080	0 0 1 0 0 1 0 0 0 0											+60080
+60081	0 0 1 0 0 1 0 0 0 0	8.40	K5				+58	445		1	0.2	+60081
+60082	0 0 2 0 0 1 0 0 0 0	7.20	K5				+56	547	AD PER	0	-0.1	+60082
+60083	0 0 1 0 0 1 0 0 0 0	7.80	K5				+56	551	FZ PER	8	0.5	+60083
+60084	0 0 1 0 0 1 0 0 0 0								DE CAS	4	-0.2	+60084
+60085	0 0 1 0 0 1 0 0 0 0	8.00	K5				+57	550		-3	-0.1	+60085
+60086	0 0 1 0 0 1 1 0 0 0	7.70	M3				+55	597	SU PER	0	0.2	+60086
+60087R	0 0 1 0 0 1 0 0 0 0	8.50	M4				+56	583	RS PER	4	-0.5	+60087
+60088	0 0 2 0 0 1 0 0 0 0	7.20	M5			2843	+57	552	S PER	1	-0.1	+60088
+60089R	0 0 1 0 0 1 1 0 0 0	8.20	K5				+56	597		-6	-0.1	+60089
+60090	0 0 1 0 0 1 1 0 0 0	8.40	M0				+56	609		-1	0.3	+60090
+60091	0 0 1 0 0 1 0 0 0 0											+60091
+60092R	0 0 1 0 0 1 0 0 0 0											+60092
+60093	0 0 1 0 0 1 1 0 0 0	7.70	M2				+56	673	YZ PER	1	-0.2	+60093
+60094	0 0 1 0 0 1 0 0 0 0								GP CAS	0	0.2	+60094
+60095	0 0 2 0 0 1 0 0 0 0								CQ CAS	2	0.4	+60095
+60096	0 0 2 0 0 1 0 0 0 0											+60096
+60097	0 0 2 0 0 0 1 0 0 0	8.20	M7			3383	+56	724	W PER	-2	0.3	+60097
+60098	0 0 1 0 0 1 1 0 0 0											+60098
+60099	0 0 1 0 1 1 1 0 0 0	3.76	K3	II	834	3390	+55	714		0	-0.1	+60099
+60100	0 0 1 0 0 0 1 0 0 0											+60100

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+60101	2	47	19	+59	1.4	2	0.94	0.3	0.9	2.48	0.07	0.09	6.75	0.09	1.12		4.27	0.11		3	3	+60101
+60102	2	47	22	+63	13.4	4	0.12	0.5	0.6	2.78	0.09	0.06	7.05	0.13	0.12		4.27	0.16		2	2	+60102
+60103	2	51	38	+60	1.9	2	12.00	0.3	4.9	2.80	0.08	0.66	6.44	0.07	0.37		3.64	0.11		3	3	+60103
+60104	2	52	19	+64	7.9	3	0.63	0.3	0.5	1.47	0.05	0.06	4.37	0.09	0.56		2.90	0.10		2	2	+60104
+60105	2	52	31	+62	24.4	3	0.75	0.5	1.0	2.33	0.07	0.12	5.22	0.06	0.06		2.89	0.09		2	2	+60105
+60106	2	53	7	+57	21.2	3	0.37	0.5	0.5	2.39	0.08	0.06	6.76	0.11	0.69		4.37	0.14		2	2	+60106
+60107	2	55	18	+62	54.1	3	4.12	0.5	2.1	2.65	0.08	0.28	6.76	0.09	2.53		4.11	0.12		3	3	+60107
+60108	2	56	1	+57	28.5	3	0.12	0.3	1.9	2.42	0.08	0.06	5.19	0.06	2.25		2.77	0.10		2	2	+60108
+60109	3	1	46	+56	31.6	3	0.25	0.5	0.1	2.55	0.09	0.75	4.14	0.07	0.69		1.59	0.11		2	2	+60109
+60110	3	3	7	+55	32.1	1	2.25	0.3	1.7	1.43	0.05	4.12	6.59	0.07	20.00		5.16	0.09	I	4	4	+60110
+60111	3	3	39	+60	18.4	3	0.75	0.3	1.1	2.05	0.07	0.50	6.09	0.07	9.50		4.04	0.10	I	2	2	+60111
+60112	3	4	11	+58	50.9	3	0.25	0.3	0.1	1.77	0.07	0.12	6.09	0.10	0.06		4.32	0.12		2	2	+60112
+60113	3	7	29	+57	43.1	3	0.37	0.3	0.1	1.35	0.05	0.31	5.25	0.06	1.62		3.90	0.08		2	2	+60113
+60114	3	8	43	+55	58.0	3	0.63	0.5	0.2	2.17	0.07	0.06	5.29	0.06	0.44		3.12	0.09		2	2	+60114
+60115	3	9	29	+55	31.0	1	5.31	0.2	2.5	1.49	0.04	2.34	6.18	0.05	4.25		4.69	0.06		5	4	+60115
+60116	3	12	32	+64	34.6	4	1.75	0.5	1.2	1.64	0.06	0.06	6.37	0.08	0.31		4.73	0.10		2	2	+60116
+60117	3	20	16	+64	24.5	3	0.63	0.3	0.1	0.33	0.05	1.81	3.14	0.06	0.69		2.81	0.08		2	2	+60117
+60118	3	20	24	+56	3.1	2	0.12	0.5	1.7	2.83	0.10	0.06	6.97	0.11	0.44		4.14	0.15		2	2	+60118
+60119	3	22	25	+55	57.9	3	1.12	0.7	0.1	2.78	0.09	0.06	5.75	0.07	0.06		2.97	0.11		2	2	+60119
+60120	3	25	54	+58	41.8	2	1.87	0.5	0.7	2.85	0.08	0.19	4.05	0.06	0.75		1.20	0.10		3	3	+60120
+60121	3	26	23	+55	12.4	2	2.00	0.3	0.2	2.38	0.07	0.06	4.86	-	-	Q	2.48	-		2	2	+60121
+60122	3	31	43	+63	5.5	4	0.63	0.5	3.5	2.15	0.11	0.06	5.42	0.07	1.06		3.27	0.13		2	2	+60122
+60123	3	37	3	+61	40.3	3	3.75	0.3	0.2	2.08	0.06	1.59	6.90	0.09	0.56		4.82	0.11		3	3	+60123
+60124R	3	37	31	+62	29.9	3	0.12	0.3	2.5	0.38	0.05	0.06	4.65	-	-	Q	4.27	-		2	2	+60124
+60125	3	37	45	+63	3.6	3	0.25	0.3	0.2	0.23	0.06	0.37	2.79	0.05	4.50		2.56	0.08	I	2	2	+60125
+60126	3	38	29	+59	49.0	2	8.25	0.3	2.3	1.64	0.06	1.22	4.22	0.08	0.06		2.58	0.10		3	2	+60126
+60127	3	41	40	+63	11.2	4	0.50	0.5	0.1	2.50	0.07	0.06	4.11	0.08	0.37		1.61	0.11		2	2	+60127
+60128	3	43	59	+59	25.9	3	2.25	0.5	0.1	2.69	0.08	0.06	8.33	0.31	0.31		5.64	0.32		2	2	+60128
+60129	3	46	15	+63	33.8	3	0.75	0.3	0.5	1.27	0.06	0.06	4.75	0.05	1.06		3.48	0.08		2	2	+60129
+60130	3	47	51	+63	50.0	4	0.12	0.5	0.1	2.28	0.08	2.81	7.05	0.13	1.19		4.77	0.15	K	2	2	+60130
+60131	3	49	19	+63	14.6	3	0.25	0.3	0.2	2.83	0.09	0.31	5.88	0.07	1.00		3.05	0.11		2	2	+60131
+60132	3	51	0	+62	5.3	4	1.25	0.7	0.2	2.73	0.10	0.37	6.82	0.11	0.56		4.09	0.15		2	2	+60132
+60133	3	51	51	+57	31.5	3	0.12	0.3	0.1	1.56	0.06	0.06	5.24	0.06	5.94		3.68	0.08	I	2	2	+60133
+60134	3	52	56	+60	58.0	2	4.69	0.3	4.9	1.44	0.04	0.09	3.74	0.05	2.34		2.30	0.06		3	3	+60134
+60135	3	55	3	+61	37.1	2	1.00	0.5	0.2	2.62	0.07	0.37	6.46	0.06	3.00		3.84	0.09		4	4	+60135
+60136	3	57	14	+55	9.7	2	1.00	0.5	0.5	2.76	0.09	0.25	6.84	0.10	5.12		4.08	0.13	I	2	2	+60136
+60137	4	0	26	+55	47.6	2	1.12	0.3	1.1	2.67	0.08	0.37	6.83	0.15	-		4.16	0.17		3	1	+60137
+60138	4	1	28	+61	39.6	3	0.94	0.3	0.4	2.20	0.06	1.59	5.77	0.05	1.50		3.57	0.08		3	3	+60138
+60139	4	4	58	+55	1.2	2	2.44	0.3	0.2	2.58	0.07	0.09	6.85	0.08	0.09		4.27	0.11		3	3	+60139
+60140R	4	13	15	+62	13.7	3	3.37	0.3	0.6	1.35	0.04	1.22	4.57	-	-	Q	3.22	-		3	3	+60140
+60141	4	17	27	+60	36.9	3	0.25	0.3	0.2	1.64	0.06	1.12	4.05	0.07	0.87		2.41	0.09		2	2	+60141
+60142	4	26	9	+64	20.7	3	2.25	0.3	0.2	2.40	0.07	0.19	5.72	0.05	0.94		3.32	0.09		3	3	+60142
+60143	4	26	29	+57	18.2	2	0.63	0.3	0.1	0.65	0.06	0.75	4.45	0.09	1.25		3.80	0.11		2	2	+60143
+60144	4	30	49	+62	10.2	3	0.12	0.3	0.2	2.04	0.06	1.50	8.95	0.55	0.06		6.91	0.55		2	2	+60144
+60145	4	44	35	+61	25.7	2	3.75	0.3	1.2	1.29	0.04	0.12	4.53	0.07	1.03		3.24	0.08		4	3	+60145
+60146	4	45	5	+59	37.0	3	0.12	0.3	1.5	2.95	0.11	0.12	6.95	0.11	0.69		4.00	0.16		2	2	+60146
+60147	4	47	26	+63	25.1	2	0.75	0.3	0.7	0.72	0.04	0.75	3.36	0.06	1.12		2.64	0.07		3	2	+60147
+60148	4	52	43	+55	44.6	2	4.06	0.3	2.2	2.71	0.07	1.25	5.29	0.04	0.47		2.58	0.08		5	5	+60148
+60149	4	52	53	+59	2.4	2	0.12	0.3	0.2	1.02	0.06	0.06	4.13	0.08	2.50		3.11	0.10		2	2	+60149
+60150	4	56	44	+56	6.9	2	5.62	0.3	0.6	0.08	0.06	2.25	6.95	0.10	24.00		6.87	0.12	I	3	3	+60150

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+60101	0 0 1 0 0 1 1 0 0 0											+60101
+60102	0 0 1 0 0 1 0 0 0 0								CX CAS	5	-0.4	+60102
+60103	0 0 1 0 0 1 1 0 0 0	8.60	K5				+59	568		1	0.0	+60103
+60104	0 0 1 0 0 1 0 0 0 0	6.51	K3	II	861	3497	+63	369		3	0.0	+60104
+60105	0 0 1 0 0 1 0 0 0 0	7.48	M0			3499	+62	492		4	-0.1	+60105
+60106	0 0 1 0 0 0 1 0 0 0											+60106
+60107	0 0 2 0 0 1 0 0 0 0											+60107
+60108	0 0 1 0 0 0 1 0 0 0	7.46	K5			3578	+57	672		0	0.6	+60108
+60109	0 0 1 0 0 0 1 0 0 0	4.76	K0	II	918	3674	+56	767		-1	1.0	+60109
+60110	0 0 1 0 1 1 1 0 0 0								IO PER	4	-0.9	+60110
+60111	0 0 1 0 0 0 1 0 0 0											+60111
+60112	0 0 1 0 0 0 1 0 0 0											+60112
+60113	0 0 1 0 0 0 1 0 0 0	7.50	R5				+57	702		-5	0.2	+60113
+60114	0 0 1 0 0 0 1 0 0 0	7.30	M6				+55	749		-2	0.3	+60114
+60115	0 0 1 0 1 0 3 0 0 0								GH PER	1	0.0	+60115
+60116	0 0 1 0 0 1 0 0 0 0											+60116
+60117	0 0 1 0 0 1 0 0 0 0	5.22	M0	II	1009	4034	+64	391		-3	-0.1	+60117
+60118	0 0 1 0 0 0 1 0 0 0											+60118
+60119	0 0 1 0 0 0 1 0 0 0	7.60	K5				+55	785		-1	-0.1	+60119
+60120	0 0 2 0 0 0 1 0 0 0	4.55	A0	II	1040	4140	+58	607		-1	-0.7	+60120
+60121	0 0 1 0 0 0 1 0 0 0	7.46	K5			4150	+54	685		-1	0.2	+60121
+60122	0 0 1 0 0 1 0 0 0 0	7.50	K0				+62	582		-2	-1.9	+60122
+60123	0 0 1 0 0 1 1 0 0 0											+60123
+60124R	0 0 1 0 0 1 0 0 0 0	7.60	N3			4371	+62	596	U CAM	2	0.6	+60124
+60125	0 0 1 0 0 1 0 0 0 0	5.10	S5		1105	4383	+62	597		-3	0.2	+60125
+60126	0 0 1 0 0 0 2 0 0 0	5.84	K5	G	1112	4408	+59	699		-5	0.4	+60126
+60127	0 0 1 0 0 1 0 0 0 0	4.78	F5		1129	4470	+62	604		1	-0.1	+60127
+60128	0 0 1 0 0 0 1 0 0 0											+60128
+60129	0 0 1 0 0 1 0 0 0 0	8.10	MB				+63	451		3	0.4	+60129
+60130	0 0 1 0 0 1 0 0 0 0											+60130
+60131	0 0 1 0 0 1 0 0 0 0	7.70	K5				+62	618		-1	0.1	+60131
+60132	0 0 1 0 0 1 0 0 0 0											+60132
+60133	0 0 1 0 0 0 1 0 0 0	8.70	M2				+57	756		-3	-0.2	+60133
+60134	0 0 1 0 0 0 2 0 0 0	5.00	K4	G	1205	4727	+60	768		4	0.1	+60134
+60135	0 0 1 0 0 1 2 0 0 0	9.10					+61	653		-1	-0.1	+60135
+60136	0 0 1 0 0 0 1 0 0 0								AG CAM	0	0.1	+60136
+60137	0 0 1 0 0 0 2 0 0 0											+60137
+60138	0 0 1 0 0 1 1 0 0 0	7.30	R8				+61	667	UV CAM	-4	0.1	+60138
+60139	0 0 1 0 0 0 2 0 0 0											+60139
+60140R	0 0 1 0 0 2 0 0 0 0	7.37	M0			5147	+61	690	ZZ CAM	-1	0.3	+60140
+60141	0 0 1 0 0 0 1 0 0 0	5.51	M0	G	1335	5244	+60	800		1	-0.3	+60141
+60142	0 0 1 0 0 2 0 0 0 0	8.20	MA				+64	451	RY CAM	1	0.7	+60142
+60143	0 0 1 0 0 0 1 0 0 0	8.20	M5				+57	806	RV CAM	-3	0.0	+60143
+60144	0 0 1 0 0 1 0 0 0 0											+60144
+60145	0 0 2 0 0 1 1 0 0 0	7.70	M3			5827	+61	734		0	0.5	+60145
+60146	0 0 1 0 0 0 1 0 0 0											+60146
+60147	0 0 1 1 0 1 0 0 0 0	5.61	M2	G	1527	5881	+63	543		3	-0.2	+60147
+60148	0 0 3 0 0 0 2 0 0 0	6.93	K5			6002	+55	945		1	-0.2	+60148
+60149	0 0 1 0 0 0 1 0 0 0	6.94	M0			6007	+58	788		4	-0.2	+60149
+60150	0 0 2 0 0 0 1 0 0 0								TX CAM	2	0.2	+60150

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+60151	4	58	57	+60	22.2	3	0.37	0.5	0.1	2.02	0.07	0.37	3.38	0.06	0.94		1.36	0.09		2	2	+60151
+60152	5	1	56	+61	6.4	3	0.12	0.5	0.1	2.61	0.09	1.37	4.98	0.05	0.87		2.37	0.10		2	2	+60152
+60153	5	1	58	+56	34.5	2	0.19	0.5	0.6	2.48	0.08	0.28	6.73	0.08	1.41		4.25	0.11		3	3	+60153
+60154	5	15	5	+63	12.9	2	2.62	0.2	4.9	2.49	0.05	48.00	8.29	0.22	9.22		5.80	0.23	K,I	6	5	+60154
+60155	5	15	38	+62	36.1	3	1.12	0.3	0.4	1.68	0.05	0.09	4.16	0.06	0.47		2.48	0.08		3	3	+60155
+60156	5	19	12	+60	40.3	3	3.62	0.3	0.1	2.25	0.07	0.31	6.08	0.07	1.06		3.83	0.10		2	2	+60156
+60157	5	25	26	+63	1.5	2	1.25	0.2	0.3	0.95	0.03	0.16	3.58	0.07	0.63		2.63	0.08		5	2	+60157
+60158	5	41	19	+64	45.0	2	1.25	0.3	1.9	2.99	0.07	1.87	5.45	0.05	1.75		2.46	0.09		5	4	+60158
+60159	5	49	2	+63	0.1	2	1.00	0.3	1.5	1.85	0.04	3.62	5.73	0.05	9.87		3.88	0.06	I	4	4	+60159
+60160	5	50	9	+64	58.4	2	0.94	0.3	1.6	2.44	0.05	1.56	6.41	0.06	6.87		3.97	0.08	I	5	4	+60160
+60161	6	2	11	+60	30.4	3	0.56	0.5	0.2	2.94	0.09	0.37	7.06	0.12	1.62		4.12	0.15		3	2	+60161
+60162	6	5	37	+58	55.9	3	3.75	0.5	0.2	2.79	0.09	0.09	4.61	0.06	1.97		1.82	0.11		3	3	+60162
+60163	6	6	45	+60	27.7	2	0.37	0.3	1.1	1.85	0.05	0.56	4.72	0.04	10.50		2.87	0.06	I	3	3	+60163
+60164	6	11	16	+60	0.9	2	0.94	0.3	0.4	2.39	0.06	0.66	4.39	0.07	1.97		2.00	0.09		3	3	+60164
+60165	6	12	10	+56	45.4	2	5.75	0.3	5.5	0.86	0.05	0.25	4.19	0.08	0.06		3.33	0.09		4	2	+60165
+60166	6	13	19	+61	32.0	2	8.44	0.2	0.9	-0.25	0.04	2.50	2.71	0.03	8.91		2.96	0.05	I	5	5	+60166
+60167	6	22	29	+58	26.1	2	1.25	0.3	2.3	1.61	0.05	0.37	3.92	0.05	3.87		2.31	0.07		4	4	+60167
+60168	6	25	2	+61	34.6	2	5.62	0.2	2.5	1.39	0.04	1.56	5.19	0.04	14.69		3.80	0.06	I	5	5	+60168
+60169	6	30	2	+60	58.9	2	1.87	0.3	1.7	1.32	0.04	24.00	7.58	0.16	24.00		6.26	0.16	K,I	3	3	+60169
+60170	6	30	24	+55	24.0	2	1.31	0.3	0.6	2.52	0.09	1.41	5.24	0.06	1.41		2.72	0.11		3	3	+60170
+60171	6	30	26	+64	7.9	2	0.19	0.3	0.2	2.13	0.06	0.66	6.54	0.09	16.00		4.41	0.11	I	3	2	+60171
+60172	6	36	21	+59	54.9	2	3.19	0.3	0.4	1.12	0.06	3.37	5.95	0.07	23.25		4.83	0.09	I	3	3	+60172
+60173	6	38	47	+55	32.1	2	0.75	0.3	1.5	1.56	0.05	2.25	5.16	-	-	Q	3.60	-		3	3	+60173
+60174	6	40	12	+56	58.8	3	1.12	0.5	0.6	2.52	0.09	0.06	5.15	0.06	2.50		2.63	0.11		2	2	+60174
+60175	6	40	14	+57	58.3	3	0.37	0.7	1.9	3.02	0.10	7.12	8.18	0.28	2.31		5.16	0.30	K	3	2	+60175
+60176	6	49	11	+61	4.8	3	0.63	0.3	1.1	1.16	0.05	0.12	4.55	0.06	4.44		3.39	0.08	I	2	2	+60176
+60177	6	52	56	+57	37.5	4	0.37	0.5	0.5	2.56	0.09	0.44	4.93	0.06	4.69		2.37	0.11	I	2	2	+60177
+60178	6	53	3	+58	28.1	3	0.12	0.5	4.3	2.33	0.08	0.37	3.84	0.07	2.37		1.51	0.11		2	2	+60178
+60179	6	57	14	+55	24.4	2	2.75	0.3	3.8	1.80	0.07	1.50	5.42	0.07	3.19		3.62	0.10	I	4	2	+60179
+60180	7	3	49	+61	19.4	3	0.50	0.3	8.0	2.50	0.08	1.62	5.71	0.06	3.44		3.21	0.10	I	2	2	+60180
+60181	7	11	32	+59	43.1	4	0.12	0.5	0.1	2.75	0.09	0.81	4.59	0.10	2.12		1.84	0.13		2	2	+60181
+60182	7	18	9	+55	54.8	2	0.19	0.3	1.3	1.83	0.06	1.03	5.33	0.05	1.31		3.50	0.08		3	3	+60182
+60183	7	36	47	+57	11.9	4	1.37	0.5	2.3	2.68	0.10	1.12	4.98	0.09	0.19		2.30	0.13		2	2	+60183
+60184	7	51	55	+57	20.9	4	4.00	0.5	0.2	2.50	0.09	0.69	7.87	0.22	1.87		5.37	0.24		2	2	+60184
+60185	8	3	20	+60	51.9	3	1.50	0.3	0.7	2.38	0.07	0.31	6.09	0.07	1.62		3.71	0.10		2	2	+60185
+60186	8	6	1	+58	24.1	4	0.87	0.5	0.1	2.79	0.10	0.06	4.97	0.06	0.94		2.18	0.12		2	2	+60186
+60187	8	26	10	+60	53.6	3	0.25	0.3	0.2	1.43	0.05	0.69	2.81	0.07	-		1.38	0.09		2	1	+60187
+60188	8	35	55	+64	29.9	4	-	0.5	-	1.92	0.07	-	3.66	0.08	-		1.74	0.11		1	1	+60188
+60189	8	57	3	+62	44.9	4	0.12	0.3	1.9	2.85	0.11	0.25	6.81	0.11	1.00		3.96	0.16		2	2	+60189
+60190	9	1	20	+60	29.1	3	0.37	0.3	1.1	1.63	0.06	0.84	5.48	0.06	0.69		3.85	0.08		3	2	+60190
+60191	9	1	55	+64	58.5	4	-	0.5	-	2.17	0.08	-	5.96	0.09	-		3.79	0.12		1	1	+60191
+60192	9	12	8	+56	57.3	2	0.56	0.3	0.4	1.59	0.08	0.28	3.94	0.06	1.12		2.35	0.10		3	3	+60192
+60193	9	18	4	+56	54.8	2	0.37	0.3	0.2	0.37	0.07	0.19	3.38	0.07	0.50		3.01	0.10		3	2	+60193
+60194	9	21	44	+64	9.0	3	0.87	0.7	0.2	2.70	0.10	0.19	4.97	0.06	0.06		2.27	0.12		2	2	+60194
+60195	9	27	38	+63	17.0	3	0.12	0.5	0.1	2.73	0.09	1.25	3.52	0.06	0.12		0.79	0.11		2	2	+60195
+60196	9	35	24	+58	45.0	4	2.25	0.5	0.7	2.72	0.10	0.19	5.59	0.07	0.63		2.87	0.12		2	2	+60196
+60197	9	42	56	+57	21.6	2	2.00	0.3	0.5	0.35	0.06	0.63	2.93	0.08	-		2.58	0.10		2	1	+60197
+60198	9	47	25	+59	15.4	4	0.12	0.8	0.5	2.99	0.12	0.69	3.70	0.07	0.69		0.71	0.14		2	2	+60198
+60199	9	56	26	+57	3.4	4	0.75	0.5	0.1	1.98	0.07	0.06	4.31	0.09	0.63		2.33	0.11		2	2	+60199
+60200	10	5	29	+64	11.6	2	1.37	0.3	0.1	2.35	0.08	0.25	4.96	0.07	-		2.61	0.11		2	1	+60200

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+60151	0 0 1 0 0 0 1 0 0 0	4.08	G0	II	1603	6136	+60	856		-1	-0.1	+60151
+60152	0 0 1 0 0 0 1 0 0 0	6.18	K0		1624	6202	+60	857		-3	0.1	+60152
+60153	0 0 2 0 0 0 1 0 0 0	8.60	A3				+56	1001	VY CAM	-8	1.7	+60153
+60154	1 0 0 2 0 2 1 0 0 0											+60154
+60155	0 0 1 0 0 1 1 0 0 0	5.67	K4	C	1720	6496	+62	742		-5	-0.1	+60155
+60156	0 0 1 0 0 0 1 0 0 0											+60156
+60157	1 0 0 2 0 1 1 0 0 0	5.53	M1	G	1802	6744	+62	759		0	-0.2	+60157
+60158	1 0 0 2 0 1 1 0 0 0	6.86	K0			7164	+64	544		0	0.0	+60158
+60159	1 0 0 1 0 1 1 0 0 0								TZ CAM	1	0.0	+60159
+60160	1 0 0 2 0 1 1 0 0 0											+60160
+60161	0 0 1 1 0 0 1 0 0 0											+60161
+60162	0 0 1 1 0 0 1 0 0 0	5.32	G8	III	2152	7796	+58	897		3	-0.8	+60162
+60163	0 0 1 1 0 0 1 0 0 0	6.79	M0			7828	+60	931		3	-0.1	+60163
+60164	0 0 1 1 0 0 1 0 0 0	5.45	K3	G	2201	7949	+60	938		4	-0.1	+60164
+60165	0 0 2 0 0 0 2 0 0 0	7.72	M3			7978	+56	1101		3	0.2	+60165
+60166	0 0 1 1 0 1 2 0 0 0	5.07	M3	G	2215	8016	+61	869		0	-0.1	+60166
+60167	0 0 1 1 0 0 2 0 0 0	5.22	K4	III	2293	8287	+58	927		1	-0.7	+60167
+60168	0 0 1 1 0 1 2 0 0 0								V LYN	-3	0.1	+60168
+60169	0 0 1 1 0 0 1 0 0 0											+60169
+60170	0 0 1 0 0 0 2 0 0 0	6.38	K0		2376	8508	+55	1093		0	0.5	+60170
+60171	1 0 0 0 0 1 1 0 0 0								RT CAM	-3	-0.1	+60171
+60172	0 0 1 1 0 0 1 0 0 0								U LYN	2	-0.1	+60172
+60173	0 0 1 0 0 0 2 0 0 0	8.30	M2				+55	1109	SU LYN	1	0.7	+60173
+60174	0 0 0 1 0 0 1 0 0 0	7.15	M0			8770	+57	1001		2	-0.3	+60174
+60175	0 0 0 2 C 0 1 0 0 0	9.20	A2				+58	960	S LYN	18	-1.2	+60175
+60176	0 0 0 1 0 0 1 0 0 0	7.70	MB				+61	915		4	0.1	+60176
+60177	0 0 0 1 0 0 1 0 0 0	5.99	K3	G	2561	9081	+57	1017		-2	-0.3	+60177
+60178	0 0 0 1 0 0 1 0 0 0	4.35	G5	III	2560	9082	+58	982		6	-1.3	+60178
+60179	0 0 1 0 0 0 3 0 0 0	6.50	S4			9197	+55	1154	R LYN	3	0.3	+60179
+60180	0 0 0 1 0 0 1 0 0 0	8.40	MB				+61	935		-2	0.1	+60180
+60181	0 0 0 1 0 0 1 0 0 0	5.22	K2	III	2715	9581	+59	1065		-2	-0.6	+60181
+60182	0 0 1 0 0 0 2 0 0 0	7.90	M5				+56	1205		1	0.7	+60182
+60183	0 0 0 1 0 0 1 0 0 0	6.06	K5	G	2929	10279	+57	1093		4	-0.1	+60183
+60184	0 0 0 1 0 0 1 0 0 0											+60184
+60185	0 0 0 1 0 0 1 0 0 0	8.90	F				+61	1028		-3	1.7	+60185
+60186	0 0 0 1 0 0 1 0 0 0	6.82	K4	G	3175	11050	+58	1102		2	0.3	+60186
+60187	0 0 0 1 0 0 1 0 0 0	3.36	G5	III	3323	11593	+61	1054		1	0.4	+60187
+60188	0 0 0 0 0 0 1 0 0 0	4.61	K2	III	3403	11850	+64	698		3	-0.4	+60188
+60189	0 0 0 1 0 0 1 0 0 0											+60189
+60190	0 0 0 2 0 0 1 0 0 0	9.00					+60	1169	TT UMA	0	-0.1	+60190
+60191	0 0 0 0 0 0 1 0 0 0											+60191
+60192	0 0 1 1 0 0 1 0 0 0	5.31	K5	III	3660	12748	+57	1211		-1	0.2	+60192
+60193	0 0 1 1 0 0 1 0 0 0	5.77	M4	G	3698	12883	+57	1214		-1	0.0	+60193
+60194	1 0 0 0 0 0 1 0 0 0	6.31	K2		3722	12970	+64	733		0	-0.4	+60194
+60195	1 0 0 0 0 0 1 0 0 0	3.65	F0	IV	3757	13109	+63	845		1	0.1	+60195
+60196	0 0 0 1 0 0 1 0 0 0	7.52	M0			13305	+59	1249		1	-1.4	+60196
+60197	0 0 0 1 0 0 1 0 0 0	5.09	M3	G	3870	13442	+57	1231		-4	0.1	+60197
+60198	0 0 0 1 0 0 1 0 0 0	3.77	F2	IV	3888	13540	+59	1268		-2	-1.1	+60198
+60199	0 0 0 1 0 0 1 0 0 0	5.53	K5	G	3939	13735	+57	1242		0	0.3	+60199
+60200	1 0 0 0 0 0 1 0 0 0	6.75	K5			13920	+64	770		0	-0.2	+60200

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+60201	10 10 58	+59 38.9	3	0.12	0.3	0.2	2.09	0.07	1.37	5.26	0.06	1.81		3.17	0.09		2	2	+60201
+60202	10 11 17	+56 36.0	2	0.50	0.3	0.2	1.29	0.06	0.75	5.44	0.07	2.94		4.15	0.09	I	2	2	+60202
+60203	10 11 41	+60 13.9	3	0.12	0.3	1.1	2.04	0.07	0.06	4.73	0.12	-		2.69	0.14		2	1	+60203
+60204	10 43 18	+57 37.9	3	0.12	0.5	0.1	2.26	0.07	0.12	4.88	0.06	1.12		2.62	0.09		2	2	+60204
+60205	10 48 13	+59 34.6	2	0.94	0.3	0.2	2.96	0.09	1.03	4.87	0.05	2.72		1.91	0.10		3	3	+60205
+60206	10 58 49	+56 38.8	2	0.75	0.3	0.7	2.38	0.06	0.87	2.59	0.04	2.50		0.21	0.07		4	4	+60206
+60207	10 59 13	+58 56.0	3	2.44	0.3	0.7	2.81	0.08	0.09	5.36	0.06	0.37		2.55	0.10		3	2	+60207
+60208	11 0 37	+62 1.2	2	12.50	0.2	0.2	-0.76	0.04	1.00	*	-	-		-	-		4	0*	+60208
+60209	11 18 8	+55 6.0	2	1.50	0.5	0.7	2.99	0.09	0.28	6.58	0.08	2.53		3.59	0.12		3	3	+60209
+60210	11 34 35	+62 27.4	2	4.37	0.3	20.0	2.48	0.06	0.63	5.37	0.04	4.53		2.89	0.07		5	5	+60210
+60211	11 38 59	+55 26.6	2	0.75	0.3	0.2	2.65	0.09	2.34	5.11	0.06	0.47		2.46	0.11		3	3	+60211
+60212	11 44 14	+55 54.4	2	4.69	0.2	0.3	2.55	0.06	2.03	4.38	0.06	1.41		1.83	0.08		5	5	+60212
+60213	11 53 55	+58 8.7	2	0.63	0.2	1.6	0.89	0.04	20.16	4.76	0.05	32.00		3.87	0.06	K,I	5	4	+60213
+60214	12 9 16	+57 20.0	2	0.94	0.3	0.6	2.90	0.08	0.37	5.04	0.05	0.56		2.14	0.09		3	3	+60214
+60215	12 18 8	+61 35.3	2	6.56	0.3	1.2	2.43	0.05	0.47	5.24	0.04	6.41		2.81	0.06		5	5	+60215
+60216	12 18 25	+58 8.2	2	0.19	0.3	3.2	2.00	0.06	0.37	4.30	0.08	0.09		2.30	0.10		3	3	+60216
+60217	12 22 40	+57 2.9	2	0.37	0.3	0.2	1.24	0.04	0.19	3.89	0.06	0.37		2.65	0.07		3	3	+60217
+60218	12 25 11	+55 59.1	2	9.00	0.3	4.5	1.59	0.05	0.37	4.08	0.06	1.00		2.49	0.08		4	4	+60218
+60219	12 34 7	+59 46.3	3	0.37	0.3	0.2	2.78	0.09	12.28	6.58	0.09	24.00		3.80	0.13	K,I	3	3	+60219
+60220	12 38 2	+56 7.4	1	8.75	0.2	1.9	-0.53	0.04	7.97	3.84	0.06	6.28		4.37	0.07	K,I	5	3	+60220
+60221	12 49 11	+57 59.9	2	5.75	0.3	3.5	2.49	0.07	0.87	5.46	0.05	0.25		2.97	0.09		4	4	+60221
+60222	12 51 50	+56 13.7	2	1.00	0.3	0.5	1.75	0.05	0.37	1.99	0.08	-		0.24	0.09		4	1*	+60222
+60223	13 9 57	+56 38.9	2	3.19	0.3	1.1	1.92	0.06	1.87	6.06	0.06	1.69		4.14	0.08		3	3	+60223
+60224	13 21 52	+55 11.1	1	3.50	0.3	0.5	1.97	0.05	0.37	*	-	-		-	-		4	0*	+60224
+60225	13 48 11	+55 6.9	1	2.00	0.3	0.2	2.28	0.05	2.00	5.35	0.05	2.00		3.07	0.07		4	4	+60225
+60226	13 49 54	+64 57.8	2	14.37	0.3	2.5	-0.18	0.04	2.03	2.48	0.04	0.50		2.66	0.06		5	4	+60226
+60227	14 12 7	+58 20.5	2	1.50	0.3	1.5	3.00	0.07	0.50	6.03	0.05	0.63		3.03	0.09		4	4	+60227
+60228	14 30 57	+55 37.0	1	2.19	0.3	0.3	2.13	0.05	0.31	4.43	0.06	0.78		2.30	0.08		5	5	+60228
+60229	14 40 50	+55 1.1	1	0.94	0.3	0.2	1.75	0.05	2.16	4.90	0.05	0.94		3.15	0.07		3	3	+60229
+60230	14 42 35	+56 18.7	2	2.19	0.3	0.9	2.99	0.07	1.09	6.22	0.05	5.62		3.23	0.09		5	5	+60230
+60231	14 50 11	+59 30.0	2	3.00	0.2	2.6	2.24	0.05	0.94	4.46	0.05	0.31		2.22	0.07		6	5	+60231
+60232	15 21 49	+63 30.5	2	9.37	0.3	4.1	2.74	0.06	5.78	4.73	0.04	2.00		1.99	0.07		5	4	+60232
+60233	15 23 48	+59 8.2	2	2.25	0.3	0.2	0.72	0.04	1.12	2.36	0.06	0.06		1.64	0.07		4	2*	+60233
+60234	15 26 53	+60 50.5	2	0.31	0.2	1.9	2.38	0.04	2.97	4.69	0.04	1.56		2.31	0.06		5	5	+60234
+60235	15 37 44	+57 37.4	2	1.50	0.3	0.2	2.61	0.06	1.00	5.31	-	-	Q	2.70	-		4	4	+60235
+60236	15 45 23	+55 37.8	2	0.56	0.3	1.1	2.62	0.08	0.75	4.87	0.05	0.47		2.25	0.09		3	3	+60236
+60237	15 47 49	+61 35.8	2	1.50	0.2	1.9	1.79	0.03	3.37	5.32	0.03	5.62		3.53	0.04		6	6	+60237
+60238	16 0 55	+58 42.3	2	6.25	0.3	0.9	2.77	0.07	1.72	3.70	0.05	0.37		0.93	0.09		5	4	+60238
+60239	16 2 16	+59 32.6	2	0.31	0.3	0.9	2.13	0.05	1.72	4.73	0.04	4.22		2.60	0.06		5	5	+60239
+60240	16 7 23	+62 22.1	2	0.75	0.3	1.5	1.98	0.04	2.50	5.38	0.04	2.00		3.40	0.06		4	4	+60240
+60241	16 16 24	+59 52.1	1	10.31	0.2	0.9	0.04	0.04	0.63	2.90	0.05	0.37		2.86	0.06		5	3	+60241
+60242	16 23 19	+61 37.5	1	16.25	0.2	13.7	0.62	0.03	7.50	*	-	-		-	-		10	0*	+60242
+60243	16 34 17	+60 34.3	2	4.75	0.3	0.5	1.45	0.04	3.75	4.59	0.05	10.37		3.14	0.06	I	4	4	+60243
+60244	16 36 24	+63 10.5	2	4.50	0.5	2.6	2.59	0.05	1.87	4.94	0.03	0.37		2.35	0.06		6	6	+60244
+60245	16 36 59	+56 6.9	2	0.75	0.5	0.4	2.72	0.09	1.03	4.63	0.06	0.28		1.91	0.11		3	3	+60245
+60246	16 40 36	+64 40.5	2	1.50	0.3	2.3	2.05	0.04	0.63	3.97	0.06	0.25		1.92	0.07		4	4	+60246
+60247	16 46 45	+63 36.3	2	11.00	0.3	2.3	2.95	0.08	1.87	5.33	-	-	Q	2.38	-		4	4	+60247
+60248	16 47 24	+57 54.4	2	3.75	0.3	5.3	0.59	0.04	2.81	3.87	0.04	3.56		3.28	0.06		6	6	+60248
+60249	17 8 5	+64 22.7	2	0.50	0.3	0.2	0.54	0.05	3.50	4.85	0.05	1.00		4.31	0.07		4	4	+60249
+60250	17 12 4	+57 55.1	2	2.75	0.3	2.0	2.12	0.06	1.50	6.01	0.06	0.94		3.89	0.08		4	3	+60250

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
+60201	0 0 0 1 0 0 1 0 0 0	7.40	M3				+60 1245		-2	0.0	+60201
+60202	0 0 1 0 0 0 1 0 0 0										+60202
+60203	0 0 0 1 0 0 1 0 0 0	6.25	M0	III	4008	14054	+60 1246	U UMA	-1	-0.2	+60203
+60204	0 0 0 1 0 0 1 0 0 0	6.34	M1	III	4202	14802	+58 1281		3	0.1	+60204
+60205	0 0 0 2 0 0 1 0 0 0	5.52	K2	G	4236	14912	+60 1296		-3	-0.5	+60205
+60206	0 0 1 0 1 0 2 0 0 0	2.36	A1	V	4295	15145	+57 1302		-2	-0.3	+60206
+60207	1 0 0 1 0 0 1 0 0 0	6.84	K2			15150	+59 1345		-3	-0.1	+60207
+60208	0 0 0 2 0 0 2 0 0 0	1.79	K0	II	4301	15185	+62 1161		-3	0.0	+60208
+60209	0 0 1 1 0 0 1 0 0 0										+60209
+60210	1 0 0 1 1 0 2 0 0 0	7.47	M0			15933	+62 1190		-3	-1.0	+60210
+60211	0 0 0 1 0 0 2 0 0 0	6.24	K5		4500	16052	+55 1481		-3	-0.3	+60211
+60212	0 0 0 1 1 0 3 0 0 0	5.22	K3	III	4521	16153	+56 1544		-2	0.0	+60212
+60213	2 0 0 0 1 0 2 0 0 0	8.40	M6E			16328	+58 1346	Z UMA	0	-0.2	+60213
+60214	1 0 0 0 1 0 1 0 0 0	6.38	K5	G	4641	16658	+57 1359		0	0.0	+60214
+60215	1 0 0 0 1 0 3 0 0 0	7.60	MA				+62 1224	RY UMA	4	0.0	+60215
+60216	1 0 0 0 1 0 1 0 0 0	5.55	K5	G	4701	16843	+58 1371		-2	-0.3	+60216
+60217	1 0 0 0 1 0 1 0 0 0	5.81	M3	G	4726	16934	+57 1373		0	-0.4	+60217
+60218	0 0 0 1 1 0 2 0 0 0	5.61	M2	G	4745	16985	+56 1598		-2	-0.2	+60218
+60219	1 0 0 0 1 0 1 0 0 0	5.50	M4	G	4800	17178	+60 1406	T UMA	-1	0.5	+60219
+60220	0 0 0 1 2 0 2 0 0 0	7.90	M8				+56 1615	Y UMA	-2	0.1	+60220
+60221	1 0 0 0 1 0 2 0 0 0	8.20	M2				+58 1397		2	-0.3	+60221
+60222	1 0 0 1 1 0 1 0 0 0	1.76	A0		4905	17518	+56 1627	EPS UMA	0	-0.1	+60222
+60223	1 0 0 0 1 0 1 0 0 0							UW UMA	-2	0.1	+60223
+60224	1 0 0 1 0 0 2 0 0 0	2.27	A2	V	5054	18133	+55 1598		-4	0.0	+60224
+60225	1 0 0 1 0 0 2 0 0 0	8.20	M0			18705	+55 1637		0	-0.1	+60225
+60226	1 1 0 0 1 0 2 0 0 0	4.65	M3	G	5226	18750	+65 963		-5	-0.4	+60226
+60227	1 0 0 0 1 0 1 1 0 0	8.20	M2				+58 1489		-2	-0.4	+60227
+60228	1 0 0 0 2 0 2 0 0 0	5.83	K5	G	5442	19627	+56 1746		0	-0.1	+60228
+60229	1 0 0 1 0 0 1 0 0 0	7.80	M2				+55 1704		-2	0.2	+60229
+60230	1 0 0 0 3 0 1 0 0 0	8.80	M2				+56 1756	UV DRA	1	-0.3	+60230
+60231	1 0 0 0 2 0 2 1 0 0	5.46	K4	III	5552	20012	+59 1615		0	0.2	+60231
+60232	0 2 0 0 1 0 0 2 0 0	5.65	K4	G	5737	20706	+63 1192		1	-0.7	+60232
+60233	1 0 0 0 1 0 1 1 0 0	3.26	K2	III	5744	20747	+59 1654		-1	-0.2	+60233
+60234	1 0 0 0 1 0 1 2 0 0	5.86	K5	G	5755	20819	+61 1509		1	0.0	+60234
+60235	1 1 0 0 1 0 0 1 0 0	7.60	M3			21071	+57 1600		-3	0.0	+60235
+60236	0 1 0 0 1 0 1 0 0 0	5.76	K3	G	5878	21233	+55 1777		0	0.1	+60236
+60237	1 0 0 0 2 0 1 2 0 0	8.60	MA				+61 1539		-2	0.2	+60237
+60238	1 1 0 0 1 0 0 2 0 0	4.01	F8	IV	5986	21572	+58 1608		-2	0.4	+60238
+60239	1 1 0 0 2 0 0 1 0 0	6.05	M1		5995	21604	+59 1697		1	-0.2	+60239
+60240	1 0 0 0 1 0 0 2 0 0	8.60	MB				+62 1459		-3	0.1	+60240
+60241	1 1 0 0 1 0 0 2 0 0	5.51	M4	G	6086	21943	+60 1665	AT DRA	-2	-0.4	+60241
+60242	2 0 0 0 5 0 0 3 0 0	2.74	G8	III	6132	22101	+61 1591		0	-0.1	+60242
+60243	1 1 0 0 1 0 0 1 0 0	6.80	M5			22330	+60 1688	TX DRA	0	0.1	+60243
+60244	0 1 0 0 2 0 0 3 0 0	6.29	K5		6198	22382	+63 1289		-1	0.1	+60244
+60245	0 1 0 0 2 0 0 0 0 0	5.30	K1	III	6199	22398	+56 1907		-1	0.1	+60245
+60246	0 1 0 0 2 0 0 1 0 0	4.83	K1		6223	22489	+64 1145		1	-0.5	+60246
+60247	0 1 0 0 2 0 0 1 0 0	7.07	K5			22637	+63 1307		-6	-0.8	+60247
+60248	1 2 0 0 2 0 0 1 0 0	7.50	M5				+58 1672	AH DRA	0	0.4	+60248
+60249	0 1 0 0 2 0 0 1 0 0	9.00	MCP				+64 1176	TV DRA	-2	-0.1	+60249
+60250	0 3 0 0 1 0 0 0 0 0	9.20	M5				+58 1710	TT DRA	1	-0.1	+60250

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+60251	17 36 13	+57 45.6	2	2.62	0.3	2.3	0.91	0.04	0.09	5.00	0.05	4.03		4.09	0.06		3	3	+60251
+60252	17 40 18	+62 34.3	2	8.75	0.3	3.8	1.77	0.05	1.00	6.31	0.07	0.50		4.54	0.09		4	4	+60252
+60253	17 52 44	+56 54.3	2	2.50	0.5	1.7	1.05	0.07	1.62	2.74	0.07	0.25		1.69	0.10		4	2	+60253
+60254	17 52 54	+57 5.5	4	0.94	0.3	5.4	1.84	0.09	0.09	2.80	-	-	Q	0.96	-		3	3	+60254
+60255	17 55 39	+58 13.6	2	5.62	0.3	0.9	1.11	0.04	0.28	6.62	0.08	1.12		5.51	0.09		3	3	+60255
+60256	18 4 36	+62 38.8	3	1.87	0.3	1.5	1.72	0.05	0.09	5.80	0.08	1.50		4.08	0.09		3	3	+60256
+60257	18 26 46	+58 26.2	2	9.00	0.3	2.3	2.79	0.08	0.47	6.28	0.07	0.09		3.49	0.11		3	3	+60257
+60258	18 40 14	+56 44.3	2	1.62	0.3	0.1	2.42	0.09	0.06	5.79	0.07	0.44		3.37	0.11		2	2	+60258
+60259R	18 50 26	+59 19.6	2	2.62	0.3	0.6	1.81	0.06	0.75	3.66	0.06	0.09		1.85	0.08		3	3	+60259
+60260	19 0 40	+57 45.3	2	3.25	0.3	0.2	2.31	0.05	0.63	5.73	0.05	1.87		3.42	0.07		4	4	+60260
+60261	19 1 17	+60 3.0	3	2.06	0.3	0.9	2.97	0.11	1.78	5.60	0.07	0.19		2.63	0.13		3	2	+60261
+60262	19 2 11	+63 1.7	4	0.12	0.5	0.1	2.79	0.09	0.63	6.79	0.13	1.69		4.00	0.16		2	2	+60262
+60263	19 10 41	+56 46.5	2	0.19	0.3	1.3	2.92	0.09	0.37	4.56	0.07	0.56		1.64	0.11		3	3	+60263
+60264	19 12 57	+57 37.3	2	3.25	0.5	1.7	2.41	0.06	0.75	4.14	0.06	0.37		1.73	0.08		4	4	+60264
+60265	19 19 17	+57 33.1	2	3.00	0.3	0.5	1.75	0.05	0.25	4.29	0.06	0.25		2.54	0.08		4	4	+60265
+60266	19 31 31	+58 48.4	2	2.50	0.3	0.2	2.87	0.08	1.25	6.55	0.07	0.25		3.68	0.11		4	4	+60266
+60267R	19 31 32	+63 1.0	4	0.12	0.5	0.1	2.46	0.08	0.19	5.41	-	-	Q	2.95	-		2	2	+60267
+60268	19 32 19	+60 2.8	3	0.94	0.3	0.4	2.49	0.08	2.34	4.89	-	-	Q	2.40	-		3	3	+60268
+60269	19 40 56	+55 20.6	2	0.25	0.3	0.5	0.52	0.06	1.25	3.57	0.08	0.12		3.05	0.10		4	2	+60269
+60270	19 42 0	+55 45.3	2	0.75	0.3	2.8	2.67	0.07	1.75	5.94	0.05	1.50		3.27	0.09		4	4	+60270
+60271	19 43 11	+58 13.6	2	14.69	0.2	0.9	2.10	0.04	1.09	5.70	0.05	0.12		3.60	0.06		5	4	+60271
+60272	19 43 53	+55 43.0	2	3.00	0.3	0.9	2.69	0.07	0.47	5.66	0.06	1.97		2.97	0.09		3	3	+60272
+60273	19 54 1	+60 28.6	2	0.75	0.3	0.2	2.99	0.08	0.37	5.50	0.06	1.69		2.51	0.10		3	3	+60273
+60274	19 54 56	+58 42.4	2	1.50	0.3	0.4	1.29	0.04	0.56	3.56	0.06	0.37		2.27	0.07		3	3	+60274
+60275	19 55 25	+59 36.8	2	0.50	0.3	6.0	2.92	0.08	0.75	6.25	0.06	4.87		3.33	0.10		4	4	+60275
+60276	19 59 17	+55 39.6	2	1.00	0.3	0.2	2.42	0.06	1.37	5.97	0.05	1.00		3.55	0.08		4	4	+60276
+60277	20 0 26	+62 14.9	4	0.75	0.5	0.1	2.97	0.09	0.87	5.74	-	-	Q	2.77	-		2	2	+60277
+60278	20 0 58	+64 40.4	2	11.81	0.3	0.6	1.14	0.04	2.44	3.55	0.08	0.12		2.41	0.09		3	2	+60278
+60279	20 4 44	+61 51.4	3	2.19	0.7	0.6	2.70	0.07	0.16	4.62	-	-	Q	1.92	-		5	5	+60279
+60280	20 6 11	+56 50.4	3	1.75	0.5	0.5	2.30	0.10	1.12	6.48	0.08	0.28		4.18	0.13		4	3	+60280
+60281	20 6 52	+56 25.6	2	2.06	0.3	0.2	2.23	0.06	0.19	6.15	0.11	-		3.92	0.13		3	1	+60281
+60282	20 9 17	+63 3.3	3	2.00	0.5	0.5	2.98	0.10	0.37	7.28	0.12	1.87		4.30	0.16		4	3	+60282
+60283	20 9 25	+61 12.6	2	6.37	0.3	9.0	2.76	0.08	0.28	5.67	0.06	2.62		2.91	0.10		3	3	+60283
+60284	20 12 32	+60 29.2	4	0.50	0.3	0.5	2.33	0.07	0.06	4.60	0.09	0.12		2.27	0.11		2	2	+60284
+60285	20 13 31	+59 35.6	3	4.50	0.5	2.4	2.88	0.09	0.66	7.73	0.17	0.19		4.85	0.19		3	3	+60285
+60286	20 20 26	+63 49.3	3	0.75	0.3	0.5	1.98	0.05	0.37	4.52	0.12	0.28		2.54	0.13		4	3	+60286
+60287	20 20 36	+63 16.2	3	0.94	0.3	3.2	2.92	0.08	2.72	5.42	-	-	Q	2.50	-		3	3	+60287
+60288	20 21 31	+62 43.8	4	1.75	0.3	0.1	2.56	0.09	4.31	7.72	0.20	3.75		5.16	0.22	K,I	2	2	+60288
+60289	20 22 45	+55 3.0	2	1.12	0.5	0.2	2.97	0.11	0.75	8.40	0.32	0.06		5.43	0.34		3	2	+60289
+60290	20 23 7	+58 39.6	2	0.37	0.3	0.4	2.41	0.06	0.56	6.61	0.08	0.28		4.20	0.10		3	3	+60290
+60291	20 25 25	+55 34.9	2	1.87	0.3	1.2	1.80	0.06	0.16	6.29	0.05	10.31		4.49	0.08	I	5	5	+60291
+60292	20 30 31	+62 46.6	4	1.25	0.5	0.1	2.25	0.09	1.62	6.97	0.12	0.44		4.72	0.15		2	2	+60292
+60293	20 30 34	+56 36.1	2	0.19	0.5	0.7	2.53	0.08	1.87	5.12	0.06	0.31		2.59	0.10		3	2	+60293
+60294	20 33 42	+61 9.5	3	0.25	0.3	0.2	2.81	0.09	0.44	7.45	0.17	0.06		4.64	0.19		2	2	+60294
+60295	20 34 12	+61 37.9	3	4.12	0.3	0.6	2.99	0.09	0.37	6.77	0.08	3.56		3.78	0.12		3	3	+60295
+60296	20 38 3	+59 21.5	3	3.56	0.3	1.5	2.43	0.07	0.28	7.67	0.21	0.06		5.24	0.22		3	2	+60296
+60297	20 43 9	+56 18.6	2	0.75	0.3	2.0	1.01	0.04	2.25	3.84	0.05	1.00		2.83	0.06		4	4	+60297
+60298	20 44 16	+61 39.0	2	7.12	0.3	0.6	1.22	0.05	0.47	2.62	0.05	0.09		1.40	0.07		3	3	+60298
+60299	20 45 46	+58 13.9	2	11.06	0.3	0.4	1.20	0.05	0.19	4.50	0.08	0.37		3.30	0.09		3	3	+60299
+60300	20 54 23	+59 49.5	4	0.19	0.7	0.2	2.88	0.11	0.66	5.79	0.07	0.25		2.91	0.13		3	2	+60300

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM	VAR	DA S	DD M	NO.
+60251	0 2 0 0 1 0 0 0 0 0							TY DRA	0	-0.5	+60251
+60252	0 1 0 0 2 0 0 1 0 0										+60252
+60253	0 3 0 0 1 0 0 0 0 0	3.75	K2	III	6688	24364	+56 2033		4	1.5	+60253
+60254	0 2 0 0 1 0 0 0 0 0										+60254
+60255	0 2 0 0 1 0 0 0 0 0							T DRA	1	0.3	+60255
+60256	0 1 0 0 2 0 0 0 0 0										+60256
+60257	0 2 0 0 1 0 0 0 0 0	9.10	M5				+58 1818		-3	-0.5	+60257
+60258	0 1 0 0 1 0 0 0 0 0	8.30	M3				+56 2125		1	-0.3	+60258
+60259R	0 2 0 0 1 0 0 0 0 0	4.67	K0	II	7125	25905	+59 1925		-2	0.0	+60259
+60260	0 2 0 0 2 0 0 0 0 0										+60260
+60261	0 1 0 0 2 0 0 0 0 0	6.90	K5			26217	+59 1937		-6	-0.2	+60261
+60262	0 1 0 0 1 0 0 0 0 0										+60262
+60263	0 1 0 0 2 0 0 0 0 0	5.12	G8	III	7295	26475	+56 2209		-3	0.1	+60263
+60264	0 2 0 0 2 0 0 0 0 0	5.12	K2	III	7309	26537	+57 1968		-5	0.2	+60264
+60265	0 2 0 0 2 0 0 0 0 0	5.93	M1	G	7356	26708	+57 1986		-5	0.1	+60265
+60266	0 2 0 0 2 0 0 0 0 0										+60266
+60267R	0 1 0 0 1 0 0 0 0 0	7.50	MB				+62 1725		5	-0.1	+60267
+60268	0 1 0 0 2 0 0 0 0 0	6.25	K4	III	7448	27048	+59 2060		-5	-0.2	+60268
+60269	0 1 0 0 3 0 0 0 0 0	5.35	M5	G	7509	27294	+55 2245		-2	0.0	+60269
+60270	0 1 0 0 3 0 0 0 0 0	8.70	M3				+55 2248		-2	-0.3	+60270
+60271	0 3 0 0 2 0 0 0 0 0	8.60	M5				+58 1968		0	-0.3	+60271
+60272	0 1 0 0 2 0 0 0 0 0	7.81	M0			27356	+55 2257		-2	-0.5	+60272
+60273	0 1 0 0 2 0 0 0 0 0	7.36	K5			27610	+60 2046		0	-0.3	+60273
+60274	0 2 0 0 1 0 0 0 0 0	4.97	K5	II	7633	27635	+58 2013		-3	-0.3	+60274
+60275	0 2 0 0 2 0 0 0 0 0	8.90	M3				+59 2149		-3	1.1	+60275
+60276	0 2 0 0 2 0 0 0 0 0	9.00	M3				+55 2300		1	0.1	+60276
+60277	0 1 0 0 1 0 0 0 0 0	7.40	MA				+61 1958		-4	-0.2	+60277
+60278	0 1 0 0 1 0 0 0 1 0	5.23	M1	III	7676	27806	+64 1405		1	-0.5	+60278
+60279	0 1 0 0 4 0 0 0 0 0	5.40	K3	III	7701	27911	+61 1970		-1	0.4	+60279
+60280	0 3 0 0 1 0 0 0 0 0							V555 CYG	-5	0.4	+60280
+60281	0 2 0 0 1 0 0 0 0 0	8.50	M0				+56 2357		0	-0.3	+60281
+60282	0 1 0 0 2 0 0 0 1 0										+60282
+60283	0 1 0 0 2 0 0 0 0 0	7.90	M0			28032	+60 2094		0	0.9	+60283
+60284	0 1 0 0 1 0 0 0 0 0	5.95	K5	G	7742	28120	+60 2099		0	0.0	+60284
+60285	0 2 0 0 1 0 0 0 0 0										+60285
+60286	0 1 0 0 2 0 0 0 1 0	5.79	K5	G	7805	28340	+63 1618		-3	0.1	+60286
+60287	0 1 0 0 1 0 0 0 1 0	7.33	K5			28346	+62 1807		-1	0.0	+60287
+60288	0 1 0 0 1 0 0 0 0 0										+60288
+60289	0 2 0 0 1 0 0 0 0 0										+60289
+60290	0 2 0 0 1 0 0 0 0 0										+60290
+60291	0 2 0 0 3 0 0 0 0 0							V372 CYG	-2	0.6	+60291
+60292	0 1 0 0 1 0 0 0 0 0							BF CEP	0	-0.8	+60292
+60293	0 2 0 0 1 0 0 0 0 0	6.15	K5	G	7860	28589	+56 2444		1	-0.4	+60293
+60294	0 1 0 0 1 0 0 0 0 0							BX CYG	0	0.3	+60294
+60295	0 1 0 0 2 0 0 0 0 0										+60295
+60296	0 2 0 0 1 0 0 0 0 0							UU CEP	4	-0.3	+60296
+60297	0 2 0 0 2 0 0 0 0 0	6.10	M3	G	7944	28926	+55 2462		4	0.3	+60297
+60298	0 1 0 0 2 0 0 0 0 0	3.43	K0	IV	7957	28962	+61 2050		-2	0.4	+60298
+60299	0 2 0 0 1 0 0 0 0 0	7.27	F8			29003	+57 2243		-4	-0.3	+60299
+60300	0 2 0 0 1 0 0 0 0 0	7.30	K5				+59 2296		-2	-0.3	+60300

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+60301	20 58 8	+58 41.8	2	9.00	0.3	2.0	2.85	0.06	0.87	7.61	0.27	-		4.76	0.28		4	1	+60301
+60302	20 58 10	+59 14.4	2	6.75	0.3	1.0	2.25	0.06	0.37	4.46	0.09	0.06		2.21	0.11		4	2	+60302
+60303	21 0 56	+59 31.0	2	5.75	0.3	0.2	2.00	0.06	0.37	7.23	0.12	0.37		5.23	0.13		4	3	+60303
+60304	21 6 53	+58 33.8	3	1.87	0.7	0.2	3.25	0.13	5.72	7.43	0.17	16.00		4.18	0.21	K,I	3	2	+60304
+60305	21 11 30	+59 53.8	2	2.75	0.3	0.2	0.14	0.05	3.50	3.73	0.06	0.47		3.59	0.08		4	3	+60305
+60306	21 12 40	+61 39.4	3	3.00	0.5	0.2	2.95	0.08	0.37	7.78	0.17	0.47		4.83	0.19		3	3	+60306
+60307	21 13 8	+56 41.1	3	0.63	0.5	0.1	2.59	0.09	1.06	5.30	0.06	0.12		2.71	0.11		2	2	+60307
+60308	21 15 44	+55 35.3	2	0.37	0.3	0.2	2.82	0.08	0.09	5.02	0.05	0.28		2.20	0.09		3	3	+60308
+60309	21 16 47	+55 3.4	3	1.00	0.3	0.2	1.31	0.06	0.06	5.78	0.07	0.75		4.47	0.09		2	2	+60309
+60310	21 17 15	+62 22.9	4	0.37	0.3	0.2	1.85	0.06	0.06	2.34	0.14	-		0.49	0.15		2	1*	+60310
+60311	21 17 19	+60 58.6	2	1.31	0.3	0.2	1.02	0.04	0.09	3.99	0.04	0.09		2.97	0.06		3	3	+60311
+60312	21 17 20	+63 20.9	2	1.31	0.3	5.3	1.80	0.04	1.69	5.80	0.06	8.53		4.00	0.07	I	3	3	+60312
+60313	21 17 53	+58 24.7	2	1.31	0.3	0.4	0.73	0.04	0.28	3.67	0.06	0.28		2.94	0.07		3	3	+60313
+60314	21 18 2	+62 12.1	4	0.25	0.3	1.1	2.31	0.07	0.69	6.78	-	-	Q	4.47	-		2	2	+60314
+60315	21 18 10	+55 14.5	2	0.75	0.3	0.7	0.59	0.05	1.37	4.08	0.07	0.06		3.49	0.09		4	2	+60315
+60316	21 19 2	+56 9.9	3	2.00	0.3	0.1	2.25	0.06	0.06	7.33	-	-	Q	5.08	-		2	2	+60316
+60317	21 24 25	+62 21.6	4	0.75	0.3	0.1	1.73	0.07	0.06	5.63	0.07	0.25		3.90	0.10		2	2	+60317
+60318	21 26 1	+59 31.9	2	0.19	0.3	0.4	0.98	0.05	0.47	3.88	0.06	0.19		2.90	0.08		3	3	+60318
+60319	21 28 53	+64 3.9	4	1.31	0.7	0.2	2.81	0.08	0.56	6.29	0.07	1.06		3.48	0.11		3	2	+60319
+60320	21 29 16	+61 29.7	3	1.50	0.3	1.0	2.63	0.07	0.12	6.18	-	-	Q	3.55	-		4	3	+60320
+60321	21 33 50	+60 41.1	4	0.50	0.5	0.1	2.91	0.09	0.50	7.29	0.24	-		4.38	0.26		2	1	+60321
+60322	21 38 43	+59 22.2	2	2.25	0.3	3.8	2.94	0.08	2.37	6.38	-	-	Q	3.44	-		4	4	+60322
+60323	21 40 57	+64 30.4	2	2.75	0.3	3.0	3.00	0.10	1.62	6.33	-	-	Q	3.33	-		4	3	+60323
+60324	21 41 16	+61 31.7	2	2.25	0.3	1.7	2.72	0.07	1.87	7.83	0.15	0.12		5.11	0.17		4	4	+60324
+60325	21 41 56	+58 32.6	0	-	0.0	-	*	-	-	*	-	-		-	-		0*	0*	+60325
+60326	21 43 59	+60 53.3	2	7.87	0.3	0.4	2.78	0.08	0.19	3.81	0.06	0.94		1.03	0.10		3	3	+60326
+60327	21 44 41	+57 49.4	2	5.25	0.3	2.0	1.79	0.05	0.37	4.98	0.05	0.84		3.19	0.07		4	3	+60327
+60328	21 45 38	+64 22.0	2	1.75	0.3	0.5	1.68	0.04	32.00	6.41	0.07	0.06		4.73	0.08	K	4	2	+60328
+60329	21 45 55	+60 27.7	2	0.75	0.3	0.4	1.68	0.05	1.31	4.03	0.07	0.75		2.35	0.09		3	3	+60329
+60330	21 47 47	+61 2.4	2	1.75	0.3	0.7	1.92	0.05	0.25	4.54	0.06	0.75		2.62	0.08		4	3	+60330
+60331	21 50 52	+55 44.9	1	14.25	0.2	1.5	1.79	0.04	1.50	6.38	0.12	-		4.59	0.13		6	1	+60331
+60332	21 53 52	+61 18.6	3	0.75	0.5	0.5	2.81	0.09	0.25	5.04	0.04	3.25		2.23	0.10		4	4	+60332
+60333	21 55 11	+63 23.2	2	2.50	0.2	0.9	-0.20	0.03	0.78	2.73	0.04	2.75		2.93	0.05		5	4	+60333
+60334	21 56 20	+56 30.9	2	0.19	0.3	0.2	1.60	0.06	0.09	7.63	0.15	0.94		6.03	0.16		3	3	+60334
+60335	21 57 20	+62 27.9	2	5.62	0.2	6.3	1.03	0.04	1.72	3.87	0.05	0.16		2.84	0.06		5	5	+60335
+60336	21 58 12	+57 7.6	2	1.50	0.3	0.5	1.99	0.05	2.25	7.00	0.10	24.00		5.01	0.11	I	4	3	+60336
+60337	22 0 8	+56 44.3	2	1.12	0.5	0.4	2.95	0.08	10.69	9.54	-	-	Q	6.59	-	K	3	3	+60337
+60338	22 2 23	+62 52.5	2	13.50	0.2	5.6	0.00	0.03	3.09	2.83	0.03	1.50		2.83	0.04		9	6	+60338
+60339	22 3 28	+62 32.5	2	2.81	0.3	1.9	1.95	0.05	3.12	4.19	-	-	Q	2.24	-		5	5	+60339
+60340	22 3 41	+62 49.9	2	9.50	0.2	4.0	1.51	0.03	3.50	5.38	0.05	9.94		3.87	0.06	I	8	3	+60340
+60341	22 3 52	+62 15.7	2	3.25	0.3	2.8	2.10	0.05	0.12	5.34	-	-	Q	3.24	-		4	4	+60341
+60342	22 4 49	+59 14.7	2	0.50	0.3	4.0	2.98	0.09	2.00	7.47	0.14	0.47		4.49	0.17		4	3	+60342
+60343	22 6 53	+59 18.6	3	1.31	0.5	3.6	2.50	0.08	0.75	6.46	0.13	0.37		3.96	0.15		3	3	+60343
+60344	22 9 5	+57 57.3	2	1.00	0.3	1.7	0.07	0.04	1.00	*	-	-		-	-		4	0*	+60344
+60345	22 9 43	+56 47.8	2	8.75	0.3	1.9	1.65	0.06	0.94	5.90	0.10	-		4.25	0.12		5	1	+60345
+60346	22 10 23	+60 30.5	2	3.00	0.3	1.5	2.76	0.08	3.50	4.49	0.05	0.12		1.73	0.09		4	4	+60346
+60347	22 10 49	+63 2.8	2	3.12	0.2	0.3	1.05	0.03	1.72	3.75	0.04	1.56		2.70	0.05		5	5	+60347
+60348	22 12 14	+57 45.8	2	0.50	0.3	0.2	1.02	0.05	0.25	5.20	0.05	3.75		4.18	0.07		4	4	+60348
+60349	22 16 30	+62 34.3	3	6.75	0.3	7.0	2.97	0.08	0.75	5.00	0.05	1.00		2.03	0.09		4	4	+60349
+60350	22 18 16	+55 47.4	2	4.06	0.3	2.2	2.78	0.08	0.63	6.84	0.07	0.16		4.06	0.11		5	5	+60350

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+60301	0 2 0 0 2 0 0 0 0 0								UW CEP	0	-0.1	+60301
+60302	0 3 0 0 1 0 0 0 0 0	5.70	K4	G	8049	29330	+58	2201		-2	-0.2	+60302
+60303	0 2 0 0 2 0 0 0 0 0											+60303
+60304	0 2 0 0 1 0 0 0 0 0								UY CEP	-8	0.1	+60304
+60305	0 2 0 0 2 0 0 0 0 0	7.06	M0			29684	+59	2342		-1	0.3	+60305
+60306	0 1 0 0 2 0 0 0 0 0											+60306
+60307	0 1 0 0 1 0 0 0 0 0	7.12	K5			29730	+56	2547		-3	0.6	+60307
+60308	0 1 0 0 2 0 0 0 0 0	6.03	K3	III	8150	29798	+55	2549		-1	0.0	+60308
+60309	0 1 0 0 1 0 0 0 0 0	8.40	A0				+54	2510		16	-0.1	+60309
+60310	0 1 0 0 1 0 0 0 0 0	2.41	A7	IV	8162	29848	+61	2111		-9	0.5	+60310
+60311	0 1 0 0 2 0 0 0 0 0	6.80	M3			29843	+60	2217		1	0.3	+60311
+60312	0 1 0 0 1 0 0 0 1 0	8.60					+62	1924		0	-0.4	+60312
+60313	0 2 0 0 1 0 0 0 0 0	5.68	M1	II	8164	29860	+58	2249		0	0.1	+60313
+60314	0 1 0 0 1 0 0 0 0 0											+60314
+60315	0 2 0 0 2 0 0 0 0 0	7.16	M3			29871	+54	2517		-2	0.3	+60315
+60316	0 1 0 0 1 0 0 0 0 0											+60316
+60317	0 1 0 0 1 0 0 0 0 0	8.00	MC				+61	2134	SW CEP	-8	0.2	+60317
+60318	0 2 0 0 1 0 0 0 0 0	6.24	M1		8224	30065	+59	2383		-2	0.0	+60318
+60319	0 1 0 0 1 0 0 0 1 0	8.20					+63	1740		0	-0.5	+60319
+60320	0 1 0 0 2 1 0 0 0 0	9.00					+61	2146		-3	0.0	+60320
+60321	0 1 0 0 1 0 0 0 0 0											+60321
+60322	0 2 1 0 1 0 0 0 0 0											+60322
+60323	0 1 0 0 1 0 0 0 2 0											+60323
+60324	0 1 0 0 2 1 0 0 0 0											+60324
+60325	0 2 1 0 1 0 0 0 0 0	3.99	M2	II	8316	30440	+58	2316	MUU CEP	-3	-0.4	+60325
+60326	0 1 1 0 1 0 0 0 0 0	4.28	A2	II	8334	30483	+60	2288		-2	-0.1	+60326
+60327	0 1 1 0 2 0 0 0 0 0	7.70	M1				+57	2396		-1	-0.5	+60327
+60328	0 1 0 0 1 0 0 0 2 0								RT CEP	1	-0.2	+60328
+60329	0 1 1 0 1 0 0 0 0 0	5.44	M1	G	8339	30526	+60	2294		-2	0.1	+60329
+60330	0 2 1 0 1 0 0 0 0 0	6.22	M1	II	8347	30571	+60	2300		-4	0.0	+60330
+60331	0 1 1 0 3 1 0 0 0 0											+60331
+60332	0 1 1 0 2 0 0 0 0 0	6.06	G8	II	8374	30702	+60	2318		0	0.4	+60332
+60333	0 2 0 0 1 1 0 0 1 0	4.90	M2	II	8383	30731	+62	2007	VV CEP	-4	0.0	+60333
+60334	0 1 0 0 1 1 0 0 0 0											+60334
+60335	0 1 1 0 2 1 0 0 0 0	5.99	M3	G	8388	30774	+62	2010		-6	0.4	+60335
+60336	0 1 1 0 1 1 0 0 0 0											+60336
+60337	0 1 0 0 1 1 0 0 0 0								YY CEP	3	0.7	+60337
+60338	0 3 2 0 2 1 0 0 1 0	5.30	M5	G	8416	30880	+62	2028		0	-0.1	+60338
+60339	0 1 1 0 2 1 0 0 0 0	5.22	K4	III	8426	30904	+62	2029		-2	0.0	+60339
+60340	0 2 2 0 2 1 0 0 1 0	8.60					+62	2030		1	-0.3	+60340
+60341	0 1 1 0 1 1 0 0 0 0								TT CEP	-2	-0.2	+60341
+60342	0 2 1 0 1 0 0 0 0 0											+60342
+60343	0 1 1 0 1 0 0 0 0 0								AZ CEP	-5	0.3	+60343
+60344	0 1 1 0 1 1 0 0 0 0	3.36	K1	II	8465	31044	+57	2475		-3	0.0	+60344
+60345	0 2 1 0 1 1 0 0 0 0								CU CEP	-2	0.3	+60345
+60346	0 1 1 0 2 0 0 0 0 0	5.39	K1	III	8479	31077	+60	2358		1	-0.2	+60346
+60347	0 1 1 0 1 1 0 0 1 0	5.85	M3	G	8483	31086	+62	2048		0	0.1	+60347
+60348	0 1 1 0 1 1 0 0 0 0	9.10	M8				+57	2487		-3	-0.2	+60348
+60349	0 1 1 0 1 1 0 0 0 0	5.78	K3	III	8511	31205	+62	2059		-5	1.0	+60349
+60350	0 1 1 0 2 1 0 0 0 0											+60350

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+60351	22	18	25	+61	55.5	2	4.50	0.3	2.3	1.75	0.04	3.62	7.33	0.11	10.12		5.58	0.12	I	4	4	+60351
+60352	22	20	8	+55	3.5	2	0.94	0.5	0.3	2.80	0.10	2.50	6.87	0.12	0.25		4.07	0.16		5	4	+60352
+60353	22	21	14	+55	42.6	1	9.75	0.2	5.3	1.92	0.04	5.06	4.74	0.05	3.19		2.82	0.06		6	6	+60353
+60354	22	24	3	+63	4.5	2	12.19	0.2	2.5	1.81	0.04	1.09	4.79	0.04	6.56		2.98	0.06		5	5	+60354
+60355	22	26	26	+58	58.6	2	0.50	0.3	1.5	2.16	0.05	1.50	7.30	0.11	0.50		5.14	0.12		4	4	+60355
+60356	22	27	19	+58	8.9	2	3.00	0.3	0.6	2.36	0.06	1.78	3.45	0.06	14.34		1.09	0.08	I	3	3	+60356
+60357	22	28	17	+56	45.1	2	1.25	0.3	0.3	1.80	0.05	0.63	5.41	-	-	Q	3.61	-		5	5	+60357
+60358	22	30	37	+58	21.6	2	1.69	0.3	0.2	2.78	0.09	0.09	7.80	0.18	0.19		5.02	0.20		3	3	+60358
+60359	22	30	40	+55	10.9	1	3.25	0.3	4.3	1.11	0.05	1.87	5.73	0.06	0.19		4.62	0.08		4	3	+60359
+60360	22	31	39	+56	22.7	2	5.50	0.3	0.2	2.78	0.07	2.37	5.11	0.05	0.25		2.33	0.09		4	4	+60360
+60361	22	31	43	+58	38.1	2	0.19	0.3	0.9	2.01	0.06	0.66	7.21	0.12	1.41		5.20	0.13		3	3	+60361
+60362	22	34	34	+58	9.6	2	3.00	0.3	5.1	2.56	0.07	0.56	5.43	0.06	1.03		2.87	0.09		3	3	+60362
+60363	22	36	41	+56	32.1	2	2.00	0.3	0.2	-0.22	0.05	1.75	2.69	0.06	3.19		2.91	0.08		4	3	+60363
+60364	22	41	16	+59	29.5	2	0.19	0.3	0.2	2.16	0.06	0.37	7.18	0.11	2.16		5.02	0.13		3	3	+60364
+60365	22	42	18	+61	28.0	2	6.00	0.2	4.5	1.86	0.04	1.69	5.67	0.05	8.72		3.81	0.06	I	6	3	+60365
+60366	22	45	51	+61	0.4	2	9.06	0.2	1.2	1.83	0.05	0.94	6.00	0.05	2.50		4.17	0.07		5	4	+60366
+60367	22	47	14	+59	2.8	3	3.56	0.5	4.3	2.63	0.09	0.37	7.61	0.16	0.09		4.98	0.18		3	3	+60367
+60368	22	47	41	+55	38.5	2	5.00	0.5	0.6	2.64	0.06	3.91	4.57	0.06	0.63		1.93	0.08		5	5	+60368
+60369	22	47	55	+59	23.5	2	0.37	0.3	0.2	2.08	0.05	0.09	6.54	0.08	1.41		4.46	0.09		3	3	+60369
+60370	22	48	6	+60	1.7	3	1.50	0.5	0.9	2.89	0.10	0.84	7.15	0.13	1.37		4.26	0.16		3	2	+60370
+60371	22	48	58	+63	59.0	2	1.25	0.2	11.6	2.12	0.05	28.44	6.27	0.11	-		4.15	0.12	K	5	1	+60371
+60372	22	48	59	+61	30.6	2	18.00	0.3	6.0	2.57	0.05	4.50	5.24	0.04	8.12		2.67	0.06	I	6	5	+60372
+60373	22	51	4	+59	50.3	2	0.56	0.3	0.7	1.94	0.05	0.09	4.62	0.05	0.37		2.68	0.07		3	3	+60373
+60374	22	51	19	+61	1.2	2	16.00	0.3	0.5	1.95	0.06	2.25	6.74	-	-	Q	4.79	-		4	4	+60374
+60375	22	52	31	+60	33.3	2	0.56	0.3	0.2	1.86	0.05	2.62	7.24	0.12	0.28		5.38	0.13		3	3	+60375
+60376	22	54	1	+62	9.9	2	2.19	0.2	5.3	2.24	0.04	6.41	4.98	-	-	Q	2.74	-		5	4	+60376
+60377	22	54	37	+61	15.4	2	1.31	0.3	1.1	2.38	0.07	1.12	8.53	0.57	-		6.15	0.57		3	1	+60377
+60378	22	56	11	+56	42.6	2	0.37	0.5	0.9	2.92	0.10	2.81	6.63	0.09	0.28		3.71	0.13		3	3	+60378
+60379	22	58	0	+56	40.8	2	1.50	0.3	0.2	1.66	0.06	0.19	3.64	0.06	0.09		1.98	0.08		3	3	+60379
+60380	22	59	23	+56	50.0	3	2.81	0.5	0.7	2.82	0.12	0.37	5.10	0.06	0.69		2.28	0.13		3	2	+60380
+60381	22	59	25	+61	18.1	2	2.25	0.3	0.2	1.14	0.04	0.25	4.95	0.04	0.25		3.81	0.06		4	4	+60381
+60382	23	0	2	+59	33.1	2	1.31	0.3	0.4	2.06	0.06	1.78	6.18	0.07	0.66		4.12	0.09		3	3	+60382
+60383	23	2	17	+56	11.4	2	3.94	0.3	5.6	2.65	0.07	1.59	5.87	0.07	0.19		3.22	0.10		3	3	+60383
+60384	23	2	28	+58	18.0	3	0.75	0.7	0.7	2.66	0.09	0.28	6.70	0.26	-		4.04	0.28		3	1	+60384
+60385	23	2	33	+64	29.6	3	0.37	0.3	1.5	2.97	0.09	2.72	8.30	0.27	5.72		5.33	0.28	I	3	3	+60385
+60386	23	5	49	+60	3.4	4	1.25	1.0	0.1	2.94	0.13	0.56	8.18	0.40	-		5.24	0.42		2	1	+60386
+60387	23	5	51	+55	26.6	1	1.56	0.3	6.3	2.64	0.06	2.81	6.85	0.08	1.25		4.21	0.10		5	5	+60387
+60388	23	7	59	+60	58.4	2	1.87	0.3	0.7	2.77	0.08	0.09	6.93	0.09	0.09		4.16	0.12		3	3	+60388
+60389	23	9	31	+59	25.9	2	0.37	0.3	0.9	0.83	0.05	0.47	5.48	0.08	16.00		4.65	0.09	I	3	2	+60389
+60390	23	10	38	+63	40.1	2	1.50	0.3	1.1	1.27	0.04	0.09	6.06	0.06	5.62		4.79	0.07	I	3	3	+60390
+60391	23	11	34	+60	51.0	3	1.31	0.5	0.7	2.94	0.10	2.06	8.65	0.43	0.06		5.71	0.44		3	2	+60391
+60392	23	12	47	+63	55.9	2	0.56	0.3	0.7	2.04	0.05	0.19	6.35	0.07	1.78		4.31	0.09		3	3	+60392
+60393	23	13	52	+62	4.9	3	0.12	0.3	2.0	2.04	0.06	3.12	7.52	0.18	1.44		5.48	0.19	K	2	2	+60393
+60394	23	14	14	+60	41.6	2	3.37	0.3	1.5	2.83	0.09	0.19	7.97	0.22	1.97		5.14	0.24		3	3	+60394
+60395	23	14	44	+60	10.1	2	1.31	0.5	4.3	2.98	0.08	14.16	8.05	0.28	2.75		5.07	0.29	K,I	3	2	+60395
+60396	23	16	16	+58	16.1	4	4.50	0.8	1.0	3.25	0.17	3.69	7.83	0.24	0.06		4.58	0.29	K	2	2	+60396
+60397	23	17	13	+62	28.1	3	2.00	0.3	1.5	0.92	0.05	0.37	4.36	0.08	0.25		3.44	0.09		2	2	+60397
+60398	23	17	31	+56	58.3	4	0.12	0.3	0.1	2.48	0.09	6.06	5.15	0.07	0.87		2.67	0.11	K	2	2	+60398
+60399	23	18	4	+61	42.0	2	3.25	0.3	2.3	2.34	0.06	0.63	4.84	0.04	3.12		2.50	0.07		4	4	+60399
+60400	23	18	19	+61	56.1	4	3.12	0.3	0.7	2.79	0.09	0.06	5.26	0.06	0.06		2.47	0.11		2	2	+60400

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+60351	0 1 1 0 1 1 0 0 0 0											+60351
+60352	0 2 1 0 2 0 0 0 0 0											+60352
+60353	0 1 1 0 3 1 0 0 0 0	6.80	M0			31299	+55	2737	RW CEP	0	0.0	+60353
+60354	0 1 1 0 1 1 0 0 1 0	7.18	M3			31356	+62	2079		-4	0.1	+60354
+60355	0 1 1 0 1 1 0 0 0 0											+60355
+60356	0 0 1 0 1 1 0 0 0 0	4.34	F5	II	8571	31421	+57	2548	DEL CEP	0	-0.7	+60356
+60357	0 1 2 0 1 1 0 0 0 0	8.10	M0				+56	2793	ST CEP	0	0.5	+60357
+60358	0 0 1 0 1 1 0 0 0 0											+60358
+60359	0 1 1 0 2 0 0 0 0 0											+60359
+60360	0 1 1 0 1 1 0 0 0 0	5.63	K0	III	8594	31513	+55	2769	BX LAC	-5	0.8	+60360
+60361	0 0 1 0 1 1 0 0 0 0											+60361
+60362	0 0 1 0 1 1 0 0 0 0	6.90	R			31569	+57	2568	W CEP	0	-0.4	+60362
+60363	0 1 1 0 1 1 0 0 0 0	5.23	M4	G	8621	31615	+56	2821		1	0.0	+60363
+60364	0 0 1 0 1 1 0 0 0 0											+60364
+60365	0 1 1 0 2 2 0 0 0 0								DG CEP	-1	0.1	+60365
+60366	0 1 2 0 1 1 0 0 0 0											+60366
+60367	0 0 1 0 1 1 0 0 0 0											+60367
+60368	0 1 2 0 1 1 0 0 0 0	5.45	K1	III	8688	31854	+55	2820		-2	0.3	+60368
+60369	0 0 1 0 1 1 0 0 0 0								CV CEP	-1	-0.2	+60369
+60370	0 0 1 0 1 1 0 0 0 0											+60370
+60371	0 1 1 0 1 2 0 0 0 0								VX CEP	1	0.1	+60371
+60372	0 1 1 0 2 2 0 0 0 0											+60372
+60373	0 0 1 0 1 1 0 0 0 0	6.10	K2	D	8707	31922	+59	2595		0	0.2	+60373
+60374	0 1 1 0 1 1 0 0 0 0											+60374
+60375	0 0 1 0 1 1 0 0 0 0								FQ LAC	8	-2.7	+60375
+60376	0 1 2 0 1 1 0 0 0 0	7.06	K5			31984	+61	2371		0	0.0	+60376
+60377	0 0 1 0 1 1 0 0 0 0											+60377
+60378	0 1 1 0 0 1 0 0 0 0											+60378
+60379	0 1 1 0 0 1 0 0 0 0	4.99	G0	II	8752	32063	+56	2923		1	0.1	+60379
+60380	0 1 1 0 0 1 0 0 0 0	6.36	K2	II	8761	32091	+56	2927		0	-0.2	+60380
+60381	0 0 1 0 1 2 0 0 0 0	8.80	MB				+60	2469		0	0.4	+60381
+60382	0 0 1 0 1 1 0 0 0 0	6.87	B3			32112	+59	2629	AS CEP	-18	-1.9	+60382
+60383	0 1 1 0 0 1 0 0 0 0	7.10	M1				+55	2886		1	0.2	+60383
+60384	0 0 1 0 0 2 0 0 0 0											+60384
+60385	0 0 1 0 1 1 0 0 0 0								CE CEP	2	0.0	+60385
+60386	0 0 1 0 0 1 0 0 0 0											+60386
+60387	0 1 2 0 1 1 0 0 0 0											+60387
+60388	0 0 1 0 1 1 0 0 0 0											+60388
+60389	0 0 1 0 0 2 0 0 0 0								V CAS	-2	0.2	+60389
+60390	0 1 1 0 0 1 0 0 0 0								CK CEP	2	-0.6	+60390
+60391	0 0 1 0 1 1 0 0 0 0											+60391
+60392	0 1 1 0 0 1 0 0 0 0											+60392
+60393	0 0 1 0 0 1 0 0 0 0											+60393
+60394	0 0 1 0 0 2 0 0 0 0											+60394
+60395	0 0 1 0 0 2 0 0 0 0											+60395
+60396	0 0 1 0 0 1 0 0 0 0											+60396
+60397	0 0 1 0 0 1 0 0 0 0	7.12	K5			32479	+61	2423		0	0.2	+60397
+60398	0 0 1 0 0 1 0 0 0 0	7.15	K2			32486	+56	2985		-4	0.1	+60398
+60399	0 0 1 0 1 2 0 0 0 0	6.44	K5		8881	32499	+61	2427		1	0.2	+60399
+60400	0 0 1 0 0 1 0 0 0 0	6.37	K2	III	8886	32508	+61	2428		-5	-0.2	+60400

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NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+60401	23 20 13	+59 51.5	3	3.75	0.3	0.1	1.72	0.06	0.06	4.15	0.08	0.06		2.43	0.10		2	2	+60401
+60402	23 20 20	+59 2.1	3	0.12	0.5	0.1	1.52	0.07	1.19	5.79	0.07	0.06		4.27	0.10		2	2	+60402
+60403	23 21 13	+55 53.4	2	0.50	0.3	1.5	2.89	0.07	1.12	7.32	0.11	0.37		4.43	0.13		4	4	+60403
+60404	23 22 32	+62 0.7	2	1.50	0.3	1.5	0.77	0.04	0.47	3.28	0.06	0.69		2.51	0.07		3	2	+60404
+60405	23 25 49	+59 4.3	4	0.12	0.8	0.1	2.87	0.12	0.31	6.09	0.08	0.06		3.22	0.14		2	2	+60405
+60406	23 26 36	+59 28.0	3	2.87	0.5	0.1	2.92	0.12	1.44	7.83	0.24	0.37		4.91	0.27		2	2	+60406
+60407	23 26 54	+56 23.1	2	5.00	0.3	3.0	2.21	0.05	2.25	6.47	-	-	Q	4.26	-		4	4	+60407
+60408	23 27 49	+59 8.6	4	0.12	0.7	0.4	2.12	0.08	0.06	5.79	0.07	0.12		3.67	0.11		2	2	+60408
+60409	23 27 53	+60 1.9	5	0.12	1.7	0.1	2.68	0.11	0.06	7.36	-	-	Q	4.68	-		2	2	+60409
+60410	23 28 10	+57 42.1	3	0.12	0.3	0.4	2.10	0.07	0.06	6.22	0.08	0.06		4.12	0.11		2	2	+60410
+60411	23 28 25	+59 58.1	3	0.12	0.3	0.2	2.04	0.06	0.06	6.72	-	-	Q	4.68	-		2	2	+60411
+60412	23 30 5	+61 50.0	4	0.87	0.5	0.6	2.81	0.11	0.75	7.61	0.20	0.87		4.80	0.23		2	2	+60412
+60413	23 32 38	+58 16.7	4	1.25	0.8	0.1	2.70	0.12	1.12	6.94	0.12	0.06		4.24	0.17		2	2	+60413
+60414	23 34 49	+55 36.3	1	1.87	0.3	0.4	2.84	0.07	0.56	5.61	0.04	2.06		2.77	0.08		6	6	+60414
+60415	23 36 1	+61 38.0	3	1.69	0.3	0.6	2.26	0.06	1.03	6.96	0.12	0.06		4.70	0.13		3	2	+60415
+60416R	23 39 59	+64 13.7	2	0.75	0.3	2.1	1.51	0.05	0.09	4.44	-	-	Q	2.93	-		3	3	+60416
+60417	23 41 41	+61 31.0	2	0.19	0.3	0.6	0.98	0.05	2.34	5.16	0.05	6.47		4.18	0.07	I	3	3	+60417
+60418	23 42 7	+56 18.0	2	2.19	0.3	0.6	2.04	0.05	40.00	7.80	0.32	0.37		5.76	0.32	K	5	2	+60418
+60419	23 42 14	+55 6.8	2	0.12	0.5	0.2	2.98	0.11	0.06	5.97	0.07	0.12		2.99	0.13		2	2	+60419
+60420	23 42 25	+56 11.0	2	0.75	0.5	1.2	2.71	0.08	0.87	6.39	-	-	Q	3.68	-		4	3	+60420
+60421	23 43 44	+60 11.0	3	1.25	0.3	0.5	1.79	0.05	0.06	5.34	0.06	0.12		3.55	0.08		2	2	+60421
+60422	23 44 35	+57 10.2	2	3.37	0.3	0.2	1.89	0.05	4.31	4.20	0.10	0.19		2.31	0.11		3	2	+60422
+60423	23 44 38	+58 22.1	3	0.37	0.3	0.1	2.53	0.09	1.06	4.18	0.09	0.06		1.65	0.13		2	2	+60423
+60424	23 45 46	+60 45.8	4	0.12	0.7	0.1	2.82	0.15	1.19	8.13	0.31	1.25		5.31	0.34		2	2	+60424
+60425	23 47 43	+60 49.4	4	0.12	0.5	0.7	2.85	0.12	0.12	7.14	0.14	0.75		4.29	0.18		2	2	+60425
+60426	23 48 11	+61 36.1	3	1.87	0.3	0.2	2.93	0.09	1.12	5.99	0.44	-		3.06	0.45		3	1	+60426
+60427	23 49 39	+61 32.1	2	1.25	0.3	0.5	1.38	0.05	23.88	7.11	0.11	2.00		5.73	0.12	K	4	4	+60427
+60428R	23 50 26	+60 43.6	3	1.12	0.3	0.2	1.68	0.06	0.06	5.78	-	-	Q	4.10	-		2	2	+60428
+60429	23 51 52	+57 13.1	2	4.31	0.3	0.2	2.12	0.06	2.91	3.59	0.06	0.75		1.47	0.08		3	3	+60429
+60430	23 54 46	+60 45.1	4	1.12	0.5	0.1	1.98	0.07	1.50	4.85	0.05	0.06		2.87	0.09		2	2	+60430
+60431	23 55 26	+56 12.6	2	1.69	0.3	0.2	2.42	0.08	14.81	7.29	0.15	24.00		4.87	0.17	K,I	3	3	+60431
+60432	23 57 43	+60 4.6	4	0.25	0.5	1.9	2.43	0.08	0.12	5.91	0.09	-		3.48	0.12		2	1	+60432
+60433	23 58 43	+60 4.5	3	0.25	0.3	0.1	0.49	0.04	0.06	4.61	-	-	Q	4.12	-		2	2	+60433
+60434	23 59 41	+60 25.7	3	1.50	0.3	0.4	1.91	0.05	0.06	4.79	0.05	0.31		2.88	0.07		2	2	+60434

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+60401	0 0 1 0 0 1 0 0 0 0	5.55	K3	II	8894	32538	+59	2710		-5	0.0	+60401
+60402	0 0 1 0 0 1 0 0 0 0											+60402
+60403	0 1 2 0 0 1 0 0 0 0											+60403
+60404	0 0 1 0 0 2 0 0 0 0	4.96	M1	III	8904	32582	+61	2444	DQ CAS	-5	0.3	+60404
+60405	0 0 1 0 0 1 0 0 0 0	7.60	M0				+58	2596		3	0.7	+60405
+60406	0 0 1 0 0 1 0 0 0 0	7.80	B5				+58	2598		-11	-0.7	+60406
+60407	0 1 2 0 0 1 0 0 0 0											+60407
+60408	0 0 1 0 0 1 0 0 0 0	8.00	M2				+58	2602		0	-0.1	+60408
+60409	0 0 1 0 0 1 0 0 0 0											+60409
+60410	0 0 1 0 0 1 0 0 0 0								V358 CAS	8	-0.6	+60410
+60411	0 0 1 0 0 1 0 0 0 0											+60411
+60412	0 0 1 0 0 1 0 0 0 0											+60412
+60413	0 0 1 0 0 1 0 0 0 0											+60413
+60414	0 0 2 0 2 2 0 0 0 0	7.51	K5			32828	+55	2990		0	0.3	+60414
+60415	0 0 1 0 0 2 0 0 0 0											+60415
+60416R	0 1 1 0 0 1 0 0 0 0	6.61	M2	III	8989	32927	+63	2038		0	-0.5	+60416
+60417	0 0 1 0 0 2 0 0 0 0								PZ CAS	5	0.2	+60417
+60418	0 1 2 0 0 2 0 0 0 0								Z CAS	1	-0.2	+60418
+60419	0 0 1 0 1 0 0 0 0 0	8.20	M0				+54	3036		-2	-0.2	+60419
+60420	0 0 2 0 0 2 0 0 0 0	8.30	M1				+55	3011		2	0.2	+60420
+60421	0 0 1 0 0 1 0 0 0 0	7.11	K0			32991	+59	2769		2	-0.7	+60421
+60422	0 0 1 0 0 2 0 0 0 0	5.64	K3	II	9010	33009	+56	3085		0	-0.2	+60422
+60423	0 0 1 0 0 1 0 0 0 0	4.87	K1	III	9008	33010	+57	2804		1	-0.3	+60423
+60424	0 0 1 0 0 1 0 0 0 0											+60424
+60425	0 0 1 0 0 1 0 0 0 0											+60425
+60426	0 0 1 0 0 2 0 0 0 0	8.70					+61	2543		-3	0.2	+60426
+60427	0 0 2 0 0 2 0 0 0 0											+60427
+60428R	0 0 1 0 0 1 0 0 0 0	9.00					+60	2634	TZ CAS	-1	0.2	+60428
+60429	0 0 1 0 0 2 0 0 0 0	4.59	F8	II	9045	33160	+56	3111	RHO CAS	0	-0.2	+60429
+60430	0 0 1 0 0 1 0 0 0 0	7.01	M0			33217	+60	2647		-2	0.2	+60430
+60431	0 0 2 0 0 1 0 0 0 0								WY CAS	0	0.1	+60431
+60432	0 0 1 0 0 1 0 0 0 0	8.50	M2				+59	2806		-3	0.3	+60432
+60433	0 0 1 0 0 1 0 0 0 0	6.90	N0			33308	+59	2810	WZ CAS	0	-0.1	+60433
+60434	0 0 1 0 0 1 0 0 0 0	7.04	M0			33336	+59	2816		-1	0.3	+60434

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+60009	-0.84	0.08	3.68	0.09		9046
+60009	-1.11	0.08	4.11	0.11		9370
+60009	-1.01	0.09	4.24	0.12		9372
+60012	2.73	0.15	7.52	-	Q	8991
+60012	2.92	0.19	8.12	0.45		9068
+60012	3.46	0.19	9.99	-	Q	9431
+60023	1.10	0.07	5.07	-	Q	9065
+60023	1.31	0.06	5.39	-	Q	9431
+60026	2.85	0.19	8.13	0.45		9065
+60026	2.53	0.13	6.83	0.15		9372
+60026	2.48	0.14	6.81	0.15		9372
+60031	2.15	0.08	*	-		9065
+60031	1.94	0.07	*	-		9372
+60041	1.90	0.12	6.47	0.13		9065
+60041	1.63	0.06	6.57	0.12		9431
+60043	0.15	0.14	3.35	0.10		9065
+60043	0.27	0.08	3.29	0.09		9065
+60043	0.26	0.10	3.75	0.10		9372
+60048	1.85	0.09	6.35	-	Q	9065
+60048	2.56	0.12	6.93	-	Q	9372
+60058	2.17	0.11	6.13	-	Q	9065
+60058	2.46	0.11	6.25	-	Q	9431
+60075	1.42	0.07	5.92	0.10		9068
+60075	1.47	0.06	6.31	0.10		9431
+60080	1.83	0.08	6.40	0.12		9068
+60080	1.87	0.06	6.72	0.13		9431
+60081	2.67	0.13	6.76	0.27		9065
+60081	2.45	0.10	6.13	0.11		9372
+60088	1.38	0.29	5.86	-	Q	9065
+60088	1.41	0.11	5.90	0.10		9065
+60088	1.15	0.11	5.34	0.09		9372
+60092	1.58	0.07	8.15	0.45		9068
+60092	3.22	0.15	10.76	-	Q	9431
+60110	1.44	0.08	7.00	0.15		9046
+60110	1.57	0.09	6.57	0.13		9370
+60110	1.33	0.09	6.17	0.11		9483
+60110	1.34	0.09	6.40	0.11		9505
+60111	2.11	0.11	6.34	0.12		9065
+60111	2.01	0.08	5.88	0.08		9505
+60125	0.26	0.08	2.66	0.07		9068
+60125	0.18	0.09	2.89	0.07		9431
+60130	2.46	0.14	7.25	0.23		9068
+60130	2.17	0.09	6.93	0.15		9431
+60133	1.59	0.10	5.02	0.09		9065
+60133	1.55	0.07	5.35	0.08		9505
+60136	2.81	0.14	7.07	0.16		9046
+60136	2.72	0.11	6.59	0.12		9508
+60150	0.06	0.08	6.28	0.11		9046
+60150	-0.17	0.16	5.44	0.09		9114
+60150	0.15	0.09	7.91	0.27		9505
+60154	2.53	0.12	9.34	0.81		8812
+60154	1.69	0.11	8.01	0.48		9166
+60154	1.80	0.09	8.36	0.50		9172
+60154	2.67	0.13	8.94	0.67		9431
+60154	3.09	0.12	9.49	-	Q	9431
+60154	1.80	0.07	7.45	0.22		9544
+60159	1.76	0.10	5.72	0.09		8812
+60159	1.73	0.10	5.92	0.13		9172
+60159	1.93	0.06	5.83	0.09		9431
+60159	1.81	0.07	5.48	0.08		9544
+60160	2.38	0.11	6.24	0.10		8812
+60160	2.38	0.15	6.20	0.13		9166
+60160	2.37	0.11	6.21	-	Q	9172
+60160	2.53	0.09	6.60	0.12		9431
+60160	2.45	0.09	6.48	0.11		9544
+60163	1.80	0.08	4.64	0.07		9065
+60163	1.86	0.08	4.55	0.07		9130
+60163	1.89	0.08	4.88	0.07		9505
+60166	-0.22	0.07	2.55	0.07		9065
+60166	-0.20	0.10	2.62	0.07		9130
+60166	-0.18	0.08	2.76	0.07		9431
+60166	-0.31	0.06	2.84	0.07		9505
+60166	-0.32	0.08	2.69	0.07		9544
+60168	1.33	0.08	5.27	0.08		9065
+60168	1.46	0.08	5.27	0.08		9130
+60168	1.34	0.08	5.08	0.07		9431
+60168	1.38	0.06	5.30	0.07		9505
+60168	1.41	0.08	4.94	0.07		9544
+60169	1.34	0.06	7.95	0.37		9065
+60169	0.95	0.06	5.99	0.10		9130
+60169	1.52	0.07	8.53	0.43		9505
+60171	2.16	0.11	7.28	-	Q	8812
+60171	2.06	0.09	5.86	0.09		9431
+60171	2.16	0.08	6.96	0.15		9544
+60172	1.30	0.33	5.76	0.10		9065
+60172	1.22	0.09	6.35	0.13		9130
+60172	0.99	0.08	5.61	0.09		9505
+60175	2.80	0.18	7.61	0.30		9130
+60175	2.72	0.14	-	-		9130
+60175	3.29	0.16	8.55	0.43		9505
+60176	1.13	0.08	4.45	0.07		9130
+60176	1.17	0.06	4.75	0.12		9505
+60177	2.65	0.16	4.77	0.08		9130
+60177	2.51	0.11	5.04	0.08		9505
+60179	1.88	0.10	5.27	0.09		9114
+60179	1.93	0.30	5.69	-	Q	9505
+60179	1.62	0.30	-	-		9505
+60179	1.73	0.09	5.52	0.09		9508
+60180	2.33	0.13	5.58	0.08		9130
+60180	2.56	0.09	5.81	0.08		9505
+60202	1.23	0.08	5.30	0.09		9114
+60202	1.33	0.07	5.54	0.09		9505
+60213	1.06	0.08	-	-		8868
+60213	1.05	0.08	4.99	0.08		8868
+60213	0.87	0.08	4.72	0.08		9249
+60213	0.78	0.06	4.34	0.11		9505
+60213	0.59	0.08	3.51	0.10		9548
+60219	3.09	0.15	7.40	0.21		8868
+60219	2.64	0.16	5.59	0.09		9249
+60219	2.37	0.12	5.87	0.10		9548
+60220	-0.55	0.07	3.79	0.10		9139
+60220	-0.71	0.11	-	-		9249
+60220	-0.67	0.08	3.65	0.10		9249
+60220	-0.38	0.12	-	-		9508
+60220	-0.41	0.08	4.06	0.12		9548
+60243	1.54	0.06	4.70	0.07		8868
+60243	1.37	0.13	4.63	0.14		8950
+60243	1.38	0.07	4.50	0.13		9289
+60243	1.39	0.07	4.24	0.10		9666
+60288	2.20	0.15	7.22	0.22		8950
+60288	2.65	0.10	8.04	0.30		9324

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+60291	1.81	0.33	6.41	0.11		8967
+60291	1.81	0.10	6.54	0.13		8982
+60291	1.73	0.33	6.11	0.10		9309
+60291	1.78	0.09	6.09	0.10		9309
+60291	1.82	0.09	6.26	0.11		9364
+60304	3.61	0.25	8.79	0.66		8949
+60304	3.34	0.35	9.19	-	Q	8950
+60304	2.90	0.15	6.77	0.14		9364
+60312	1.81	0.07	5.53	0.24		8945
+60312	1.70	0.08	5.94	0.08		9324
+60312	1.85	0.07	5.59	0.08		9777
+60328	2.21	0.08	9.51	-	Q	8945
+60328	1.45	0.07	10.18	-	Q	9324
+60328	1.18	0.06	6.40	0.10		9777
+60328	1.18	0.06	6.43	0.10		9777
+60336	1.88	0.08	6.26	0.10		8950
+60336	2.04	0.09	7.47	0.26		9065
+60336	2.06	0.09	6.94	-	Q	9364
+60336	1.99	0.09	7.40	0.22		9372
+60337	3.42	0.21	9.70	-	Q	8967
+60337	2.70	0.11	9.40	-	Q	9364
+60337	2.84	0.13	9.45	-	Q	9372
+60340	1.67	0.33	5.27	-	Q	8950
+60340	1.50	0.08	5.25	0.08		8991
+60340	1.89	0.33	5.52	-	Q	9065
+60340	1.46	0.09	5.24	0.08		9068
+60340	1.49	0.07	5.46	-	Q	9324
+60340	1.44	0.08	5.59	0.09		9324
+60340	1.54	0.07	5.31	-	Q	9431
+60340	1.60	0.09	4.25	-	Q	9777
+60351	1.86	0.11	7.70	0.30		8950
+60351	1.79	0.07	6.84	0.16		9065
+60351	1.65	0.06	7.67	0.23		9324
+60351	1.79	0.07	7.12	0.17		9431
+60356	2.32	0.10	3.11	0.09		9065
+60356	2.45	0.09	3.65	0.09		9364
+60356	2.26	0.10	3.39	0.09		9372
+60365	1.90	0.11	5.62	-	Q	8950
+60365	1.86	0.08	5.49	0.08		9065
+60365	1.76	0.09	5.84	0.08		9324
+60365	1.83	0.07	5.86	-	Q	9364
+60365	1.90	0.08	5.60	0.08		9372
+60365	1.91	0.09	5.78	-	Q	9431

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+60371	1.94	0.10	6.27	0.11		8991
+60371	1.57	0.09	6.43	-	Q	9068
+60371	2.34	0.09	8.75	-	Q	9324
+60371	2.13	0.09	7.27	-	Q	9431
+60371	2.18	0.10	7.32	-	Q	9431
+60372	2.67	0.15	5.23	0.14		8950
+60372	2.80	0.19	5.25	0.08		9065
+60372	2.47	0.11	5.34	0.07		9324
+60372	2.62	0.11	5.30	-	Q	9364
+60372	2.38	0.12	5.04	0.07		9372
+60372	2.58	0.11	5.30	0.08		9431
+60385	2.65	0.17	8.29	0.50		9068
+60385	3.07	0.14	9.34	0.78		9324
+60385	2.99	0.14	7.59	0.25		9431
+60389	0.83	0.07	4.30	0.13		9065
+60389	0.81	0.07	5.58	0.09		9372
+60389	1.04	0.33	-	-		9372
+60390	1.26	0.07	5.93	0.09		8991
+60390	1.26	0.07	5.96	0.10		9068
+60390	1.29	0.06	6.24	0.10		9431
+60393	1.91	0.08	7.26	0.22		9065
+60393	2.13	0.08	7.74	0.28		9431
+60395	2.50	0.11	7.55	0.28		9065
+60395	3.26	0.16	-	-		9372
+60395	3.06	0.15	8.64	0.56		9372
+60396	2.88	0.19	7.79	0.33		9065
+60396	3.56	0.27	7.86	0.31		9372
+60398	2.17	0.12	5.08	0.09		9065
+60398	2.64	0.12	5.21	0.09		9372
+60417	1.01	0.08	4.99	0.07		9065
+60417	0.86	0.08	5.23	0.08		9372
+60417	1.04	0.03	5.26	0.08		9431
+60418	1.86	0.33	6.48	-	Q	8967
+60418	1.67	0.08	7.60	0.37		9016
+60418	1.62	0.09	7.51	-	Q	9063
+60418	2.32	0.12	8.05	0.51		9372
+60418	2.38	0.12	5.91	-	Q	9372
+60427	0.92	0.33	7.28	0.23		9065
+60427	1.00	0.07	6.65	0.27		9065
+60427	1.47	0.08	7.10	0.18		9372
+60427	1.54	0.08	7.11	0.17		9431

NO.	K MAG	K ER	I MAG	I ER	DAY 243
+60431	2.54	0.14	7.30	0.28	9016
+60431	1.89	0.11	6.09	0.11	9063
+60431	2.58	0.12	8.55	0.52	9372

NO.	REMARKS
+60011	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+60016	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+60058	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+60063	MORE THAN ONE STAR, UNRESOLVED
+60066	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+60077	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+60087	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+60089	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+60092	CIT NO. 4 (ULRICH ET.AL. 1966)
+60124	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+60140	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+60259	TRIPLE STAR SYSTEM (S.A.O. SEARCH)
+60267	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+60416	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+60428	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)

Declination Zone
+65 to +75 degrees

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+70001	0	0	1	+73	45.1	4	0.75	0.3	0.5	2.53	0.07	0.37	6.20	0.05	2.25		3.67	0.09		4	4	+70001
+70002	0	1	17	+66	26.2	2	1.50	0.3	2.0	1.47	0.04	0.63	4.27	0.06	0.87		2.80	0.07		4	4	+70002
+70003	0	3	34	+69	46.6	3	6.56	0.3	0.3	2.70	0.07	15.16	7.39	0.13	7.25		4.69	0.15	K,I	5	4	+70003
+70004	0	7	58	+71	1.2	2	14.06	0.2	0.9	1.81	0.04	0.47	5.83	0.04	1.87		4.02	0.06		5	5	+70004
+70005	0	11	21	+73	6.9	2	0.75	0.3	3.3	2.91	0.07	2.12	5.93	0.05	2.87		3.02	0.09		4	4	+70005
+70006	0	12	19	+66	20.9	3	0.19	0.3	0.4	2.90	0.08	0.47	6.35	0.07	0.28		3.45	0.11		3	3	+70006
+70007	0	15	5	+74	19.5	4	0.25	0.3	3.5	2.73	0.08	1.25	7.14	0.11	1.97		4.41	0.14		4	3	+70007
+70008	0	22	13	+69	51.9	2	4.25	0.3	6.0	2.31	0.05	7.25	8.41	0.27	0.25		6.10	0.27	K	4	4	+70008
+70009	0	32	29	+70	14.6	2	5.94	0.3	3.1	2.68	0.06	0.63	7.19	0.12	0.47		4.51	0.13		5	3	+70009
+70010	0	32	40	+67	39.1	2	4.37	0.2	1.3	2.25	0.04	3.06	5.05	0.03	4.31		2.80	0.05		7	6	+70010
+70011	0	35	25	+68	18.1	2	2.19	0.3	0.9	2.01	0.04	0.31	5.98	0.05	0.16		3.97	0.06		5	5	+70011
+70012	0	42	50	+68	54.6	3	1.50	0.3	1.0	2.37	0.05	22.25	6.34	0.06	0.75		3.97	0.08	K	4	4	+70012
+70013	0	50	2	+69	41.4	2	4.87	0.3	1.7	1.77	0.05	0.09	4.80	0.05	0.09		3.03	0.07		3	3	+70013
+70014	0	50	47	+73	52.1	3	4.69	0.3	2.8	2.92	0.08	0.31	6.24	0.06	1.03		3.32	0.10		5	3	+70014
+70015	0	54	46	+67	25.6	2	5.94	0.3	0.9	2.96	0.07	0.78	6.13	-	-	Q	3.17	-		5	5	+70015
+70016	1	1	4	+74	34.5	3	3.00	0.3	5.3	0.86	0.05	0.47	4.84	0.08	0.19		3.98	0.09		3	3	+70016
+70017	1	3	14	+65	31.7	4	0.56	0.5	1.9	2.50	0.08	0.66	7.47	0.15	0.84		4.97	0.17		3	3	+70017
+70018	1	7	7	+65	51.0	2	1.87	0.3	0.2	1.96	0.05	0.09	6.74	0.09	1.03		4.78	0.10		3	3	+70018
+70019	1	10	2	+67	32.6	2	5.94	0.3	4.1	2.94	0.07	1.09	7.38	0.11	1.72		4.44	0.13		5	5	+70019
+70020	1	11	51	+66	24.2	3	1.31	0.3	0.6	1.67	0.04	0.28	6.36	0.07	0.09		4.69	0.08		3	3	+70020
+70021	1	12	24	+71	28.9	3	1.50	0.3	0.2	1.21	0.04	0.94	3.88	-	-	Q	2.67	-		3	3	+70021
+70022	1	12	27	+69	59.9	3	3.94	0.3	1.3	2.25	0.06	0.84	5.69	0.06	0.37		3.44	0.08		3	3	+70022
+70023	1	13	1	+74	55.9	5	2.00	0.3	0.4	2.00	0.08	0.56	5.53	0.08	0.56		3.53	0.11		2	2	+70023
+70024	1	15	53	+72	21.4	3	2.44	0.3	0.2	1.56	0.05	24.00	6.71	-	-	Q	5.15	-	K	3	3	+70024
+70025	1	17	38	+67	10.1	3	0.56	0.3	0.9	2.88	0.08	0.28	7.73	0.18	0.19		4.85	0.20		3	3	+70025
+70026	1	18	40	+66	35.0	3	1.31	0.5	0.2	2.81	0.08	0.09	7.79	0.19	0.75		4.98	0.21		3	3	+70026
+70027	1	22	25	+67	52.4	2	4.25	0.3	0.5	2.44	0.06	0.63	3.95	0.06	0.19		1.51	0.08		4	3	+70027
+70028	1	24	8	+65	49.3	4	0.25	0.7	0.2	2.75	0.10	0.06	5.44	0.06	0.06		2.69	0.12		2	2	+70028
+70029	1	31	15	+65	32.9	4	0.12	0.5	0.1	1.28	0.06	0.94	4.97	0.06	0.06		3.69	0.08		2	2	+70029
+70030	1	35	28	+65	15.7	3	0.12	0.3	0.1	1.93	0.07	0.44	5.51	0.06	0.19		3.58	0.09		2	2	+70030
+70031	1	50	23	+68	56.0	4	0.50	0.5	0.7	2.90	0.11	0.25	5.41	0.07	0.69		2.51	0.13		2	2	+70031
+70032	1	52	25	+69	57.5	4	0.12	0.3	0.1	1.46	0.06	0.25	4.65	0.06	0.19		3.19	0.08		2	2	+70032
+70033R	1	58	23	+71	3.3	4	0.25	0.5	0.4	2.41	0.08	0.06	5.29	-	-	Q	2.88	-		2	2	+70033
+70034	2	12	38	+67	4.4	4	0.12	0.8	0.1	2.70	0.10	0.12	5.43	0.06	0.25		2.73	0.12		2	2	+70034
+70035	2	25	35	+69	1.5	4	0.25	0.5	4.4	2.84	0.13	0.56	8.15	0.34	0.25		5.31	0.36		2	2	+70035
+70036	2	31	57	+67	44.9	3	1.69	0.5	4.3	2.66	0.08	0.66	6.45	0.07	0.37		3.79	0.11		3	3	+70036
+70037	2	33	28	+65	31.9	4	2.00	0.3	0.5	2.23	0.08	0.06	4.52	0.06	0.81		2.29	0.10		2	2	+70037
+70038	2	43	17	+71	45.6	4	0.37	0.5	1.1	2.90	0.12	0.25	6.62	-	-	Q	3.72	-		2	2	+70038
+70039	2	50	16	+74	6.8	3	1.87	0.3	3.4	1.63	0.05	1.31	5.15	0.05	1.03		3.52	0.07		3	3	+70039
+70040	3	8	52	+74	3.4	4	0.94	0.5	2.4	1.81	0.06	0.09	4.83	0.06	0.19		3.02	0.08		3	3	+70040
+70041	3	9	50	+65	21.4	4	0.12	0.5	0.1	2.18	0.07	0.06	6.84	0.11	0.44		4.66	0.13		2	2	+70041
+70042	3	19	34	+74	50.1	4	7.75	0.7	1.5	2.42	0.08	1.37	6.77	0.10	0.37		4.35	0.13		4	3	+70042
+70043	3	25	5	+71	41.5	4	0.12	0.3	0.4	1.38	0.05	0.31	4.30	0.10	0.25		2.92	0.11		2	2	+70043
+70044	3	28	5	+70	40.3	4	0.12	0.3	0.6	2.77	0.09	0.31	6.79	0.13	0.06		4.02	0.16		2	2	+70044
+70045	3	34	42	+65	3.8	4	3.00	0.5	0.2	2.86	0.09	3.47	6.89	-	-	Q	4.03	-		3	3	+70045
+70046	3	44	52	+65	22.4	3	0.25	0.3	0.7	-0.71	0.05	0.12	*	-	-		-	-		2	0*	+70046
+70047	3	46	13	+67	28.4	2	4.31	0.3	2.3	2.30	0.06	1.22	7.11	0.11	0.09		4.81	0.13		3	3	+70047
+70048	3	50	19	+69	24.7	4	1.00	0.5	0.1	2.48	0.08	0.25	6.67	0.12	0.06		4.19	0.14		2	2	+70048
+70049	4	1	5	+68	32.9	4	0.25	0.3	0.1	2.13	0.07	0.06	4.56	0.05	0.06		2.43	0.09		2	2	+70049
+70050	4	5	17	+68	34.0	4	0.12	0.5	0.6	2.26	0.08	0.06	7.16	0.15	0.06		4.90	0.17		2	2	+70050

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+70001	0 1 1 0 1 1 0 0 0 0											+70001
+70002	0 1 1 0 0 2 0 0 0 0	6.44	M4	G	9099	24	+65	1993		1	0.2	+70002
+70003	0 1 1 0 1 2 0 0 0 0											+70003
+70004	0 1 1 0 1 2 0 0 0 0											+70004
+70005	0 1 1 0 1 1 0 0 0 0	8.20					+72	10		0	0.0	+70005
+70006	0 1 1 0 0 1 0 0 0 0	8.50					+65	24		4	0.0	+70006
+70007	0 2 1 0 0 1 0 0 0 0											+70007
+70008	0 1 1 0 0 2 0 0 0 0											+70008
+70009	0 1 1 0 0 3 0 0 0 0								CP CAS	-6	-0.6	+70009
+70010	0 2 1 0 0 4 0 0 0 0	7.46	K2			695	+67	56		0	0.1	+70010
+70011	0 1 1 0 0 3 0 0 0 0											+70011
+70012	0 0 1 0 0 3 0 0 0 0	9.10	A2				+68	47		19	-0.4	+70012
+70013	0 0 1 0 0 2 0 0 0 0	7.10	MB				+69	50		-6	0.3	+70013
+70014	0 1 1 0 0 3 0 0 0 0	9.10					+73	42		-2	-0.1	+70014
+70015	0 1 1 0 0 3 0 0 0 0	8.60					+66	75		-5	-0.1	+70015
+70016	0 1 1 0 0 1 0 0 0 0	8.80					+74	46		0	0.4	+70016
+70017	0 1 1 0 0 1 0 0 0 0											+70017
+70018	0 1 1 0 0 1 0 0 0 0	8.60	K0				+65	134		2	-1.0	+70018
+70019	0 1 1 0 0 3 0 0 0 0											+70019
+70020	0 1 1 0 0 1 0 0 0 0											+70020
+70021	0 0 1 0 0 2 0 0 0 0	6.38	K0			1505	+70	90		-11	0.1	+70021
+70022	0 0 1 0 0 2 0 0 0 0	8.80					+69	78		-6	0.0	+70022
+70023	0 0 1 0 0 1 0 0 0 0	8.60	MA				+74	56		7	-0.3	+70023
+70024	0 0 1 0 0 2 0 0 0 0	7.20	S4			1579	+71	66	S CAS	-5	0.4	+70024
+70025	0 1 1 0 0 1 0 0 0 0								CI CAS	0	0.0	+70025
+70026	0 1 1 0 0 1 0 0 0 0											+70026
+70027	0 1 1 0 0 2 0 0 0 0	4.74	K0	III	399	1707	+67	123		2	0.2	+70027
+70028	0 0 1 0 0 1 0 0 0 0	7.40	K2			1741	+65	164		-2	0.1	+70028
+70029	0 0 1 0 0 1 0 0 0 0	8.90	MA				+65	179		-2	0.4	+70029
+70030	0 0 1 0 0 1 0 0 0 0	8.80					+64	208		0	0.0	+70030
+70031	0 0 1 0 0 1 0 0 0 0	7.10	M0			2279	+68	134		-2	-0.2	+70031
+70032	0 0 1 0 0 1 0 0 0 0	8.00	K5			2317	+69	123		-5	-0.1	+70032
+70033R	0 0 1 0 0 1 0 0 0 0	7.60	MA				+70	155		-5	-0.2	+70033
+70034	0 0 1 0 0 1 0 0 0 0	7.20	K5			2702	+66	198		-2	1.2	+70034
+70035	0 0 1 0 0 1 0 0 0 0											+70035
+70036	0 0 1 0 0 2 0 0 0 0											+70036
+70037	0 0 1 0 0 1 0 0 0 0	5.91	K5	C	747	3125	+65	280		-2	0.1	+70037
+70038	0 0 1 0 0 1 0 0 0 0											+70038
+70039	0 0 1 0 0 1 1 0 0 0	8.40					+73	159		-5	0.0	+70039
+70040	0 0 1 0 0 1 1 0 0 0	7.20	M0			3808	+73	171		3	0.0	+70040
+70041	0 0 1 0 0 1 0 0 0 0											+70041
+70042	0 0 1 0 0 1 2 0 0 0											+70042
+70043	0 0 1 0 0 1 0 0 0 0	6.66	M1		1032	4116	+71	201		-2	0.0	+70043
+70044	0 0 1 0 0 1 0 0 0 0											+70044
+70045	0 0 1 0 0 2 0 0 0 0											+70045
+70046	0 0 1 0 0 1 0 0 0 0	4.48	M1	G	1155	4553	+65	369		-4	-0.1	+70046
+70047	0 0 1 0 0 2 0 0 0 0											+70047
+70048	0 0 1 0 0 1 0 0 0 0											+70048
+70049	0 0 1 0 0 1 0 0 0 0	5.99	K2		1241	4874	+68	303		4	0.2	+70049
+70050	0 0 1 0 0 1 0 0 0 0											+70050

NO.	RA(1950) H	M	S	DEC(1950) D	M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+70051	4	8	40	+74	46.3	5	0.37	0.7	0.7	2.94	0.14	0.12	7.00	0.16	0.06		4.06	0.21		2	2	+70051
+70052	4	9	27	+66	25.5	3	0.12	0.5	0.1	2.55	0.08	0.06	5.90	0.07	0.12		3.35	0.11		2	2	+70052
+70053	4	24	40	+69	15.9	3	3.19	0.3	0.2	2.54	0.08	0.09	5.06	0.05	1.03		2.52	0.09		3	3	+70053
+70054	4	35	8	+66	3.3	3	0.12	0.3	1.1	0.48	0.06	0.06	4.20	0.08	0.81		3.72	0.10		2	2	+70054
+70055	4	45	59	+68	5.0	2	2.62	0.3	0.7	0.42	0.05	1.78	4.16	0.07	1.22		3.74	0.09		3	3	+70055
+70056	4	48	43	+74	13.0	4	0.56	0.3	0.9	2.58	0.07	0.47	6.22	0.10	0.19		3.64	0.12		3	2	+70056
+70057	4	56	2	+74	11.6	4	1.69	0.3	2.4	2.37	0.06	1.22	4.73	0.05	0.75		2.36	0.08		3	3	+70057
+70058	4	58	4	+73	41.8	2	1.56	0.3	2.2	2.35	0.05	0.94	4.83	0.04	0.37		2.48	0.06		5	4	+70058
+70059	5	5	25	+68	36.4	3	0.19	0.3	1.1	1.28	0.05	0.28	4.73	0.04	0.94		3.45	0.06		3	3	+70059
+70060	5	6	18	+66	59.3	4	0.12	0.3	0.2	2.22	0.06	1.75	6.07	0.07	3.87		3.85	0.09	I	2	2	+70060
+70061	5	18	43	+73	40.0	2	3.00	0.3	3.4	2.10	0.04	1.50	4.80	0.05	0.25		2.70	0.06		6	4	+70061
+70062	5	29	27	+72	26.2	3	1.12	0.3	3.0	2.67	0.08	0.56	6.27	0.08	0.09		3.60	0.11		3	3	+70062
+70063	5	29	29	+65	1.4	2	2.62	0.2	0.7	2.28	0.04	2.25	6.16	0.05	2.81		3.88	0.06		6	6	+70063
+70064	5	35	40	+68	46.0	3	0.75	0.3	0.2	2.80	0.09	1.69	6.32	0.07	8.81		3.52	0.11	I	3	3	+70064
+70065	5	37	23	+65	40.5	2	1.25	0.3	0.3	2.88	0.07	1.41	4.85	0.04	2.50		1.97	0.08		5	5	+70065
+70066	5	41	16	+69	56.9	3	0.75	0.3	1.3	1.55	0.05	0.28	8.59	0.47	0.37		7.04	0.47		3	2	+70066
+70067	5	55	59	+74	31.0	3	0.75	0.3	0.7	1.49	0.05	5.34	7.67	0.20	1.87		6.18	0.21	K	3	3	+70067
+70068	5	57	11	+66	54.4	2	3.12	0.3	1.9	2.92	0.07	0.63	5.62	0.04	2.03		2.70	0.08		5	5	+70068
+70069	6	7	47	+65	44.3	2	3.44	0.3	0.9	2.35	0.05	1.87	4.40	-	-	Q	2.05	-		5	5	+70069
+70070	6	40	45	+71	24.6	3	8.25	0.3	2.5	2.24	0.08	1.25	5.43	0.07	0.25		3.19	0.11		4	4	+70070
+70071	6	55	44	+70	53.0	4	0.19	0.5	0.7	2.70	0.11	0.19	4.71	0.06	0.28		2.01	0.13		3	3	+70071
+70072	6	57	21	+69	16.0	3	0.19	0.5	3.2	2.87	0.10	0.09	5.55	0.07	0.09		2.68	0.12		3	3	+70072
+70073	7	0	14	+70	48.9	3	0.19	0.3	0.6	2.67	0.09	0.09	5.11	0.07	0.09		2.44	0.11		3	3	+70073
+70074	7	5	6	+66	1.4	2	0.75	0.3	2.3	3.02	0.08	16.50	7.07	-	-	Q	4.05	-	K	3	3	+70074
+70075	7	9	35	+68	53.5	3	3.75	0.3	0.2	1.63	0.06	1.25	4.86	0.07	0.06		3.23	0.09		4	2	+70075
+70076	7	25	46	+68	34.6	3	1.12	0.3	0.2	2.94	0.11	0.06	4.84	0.06	1.00		1.90	0.13		2	2	+70076
+70077R	7	30	41	+67	34.1	2	4.37	0.2	2.2	2.35	0.05	0.63	5.69	-	-	Q	3.34	-		5	4	+70077
+70078	7	31	8	+66	35.1	2	2.81	0.3	1.1	2.01	0.05	0.19	5.07	0.05	1.44		3.06	0.07		3	2	+70078
+70079	7	54	7	+67	57.0	3	2.25	0.5	0.7	2.26	0.06	0.50	5.83	0.06	0.25		3.57	0.08		4	4	+70079
+70080	7	54	16	+74	3.3	3	1.25	0.3	8.2	2.19	0.05	0.75	4.27	0.07	0.25		2.08	0.09		4	4	+70080
+70081	8	1	59	+66	38.4	3	1.12	0.3	0.1	2.55	0.09	0.12	6.78	0.10	4.37		4.23	0.13	I	2	2	+70081
+70082	8	6	25	+65	22.4	2	0.12	0.3	0.1	0.95	0.06	0.44	4.78	0.07	0.06		3.83	0.09		2	2	+70082
+70083R	8	15	11	+72	34.4	4	0.25	0.3	0.1	2.33	0.09	0.06	4.65	-	-	Q	2.32	-		2	2	+70083
+70084	8	16	3	+67	41.3	2	0.63	0.3	0.9	2.35	0.05	1.09	5.15	0.04	2.66		2.80	0.06		5	5	+70084
+70085	8	29	49	+67	21.7	2	2.62	0.3	1.7	1.74	0.05	0.19	5.20	0.05	2.06		3.46	0.07		3	3	+70085
+70086	8	46	37	+70	29.2	3	2.75	0.3	1.0	2.49	0.06	1.25	5.31	0.06	0.37		2.82	0.08		4	4	+70086
+70087	8	58	3	+67	49.5	2	4.87	0.2	1.9	0.28	0.03	3.37	2.79	0.03	1.41		2.51	0.04		6	5	+70087
+70088	9	4	4	+67	4.8	4	-	0.5	-	1.57	0.07	-	3.83	0.09	-		2.26	0.11		1	1	+70088
+70089	9	4	30	+69	24.9	2	3.12	0.2	1.6	1.86	0.05	2.19	5.05	0.04	0.63		3.19	0.06		5	4	+70089
+70090	9	30	4	+70	2.6	2	7.12	0.3	3.0	2.72	0.06	0.75	4.03	0.05	0.16		1.31	0.08		6	5	+70090
+70091	9	35	26	+67	30.4	3	5.31	0.3	1.6	2.34	0.06	5.47	4.59	0.04	1.41		2.25	0.07		5	5	+70091
+70092	9	38	22	+72	29.2	3	2.50	0.5	1.0	2.92	0.08	2.12	4.51	0.05	0.50		1.59	0.09		4	4	+70092
+70093	9	42	7	+65	51.5	3	0.12	0.3	0.1	2.50	0.07	0.06	5.17	0.07	-		2.67	0.10		2	1	+70093
+70094	10	30	34	+69	48.8	2	0.75	0.3	0.5	2.85	0.07	0.37	5.68	0.06	1.69		2.83	0.09		4	3	+70094
+70095	10	30	35	+70	1.5	2	2.00	0.3	1.2	1.48	0.04	1.75	5.73	0.05	14.37		4.25	0.06	I	4	4	+70095
+70096	10	38	20	+68	42.3	2	0.25	0.3	0.5	2.71	0.07	3.62	4.78	0.04	1.25		2.07	0.08		4	4	+70096
+70097	10	38	31	+65	58.9	4	1.12	0.7	0.2	2.51	0.10	0.19	4.36	0.08	0.12		1.85	0.13		3	2	+70097
+70098	10	39	31	+69	20.1	2	1.75	0.3	0.5	1.71	0.04	0.12	3.87	0.06	0.12		2.16	0.07		4	4	+70098
+70099	10	41	10	+69	2.0	2	0.94	0.2	0.6	1.71	0.04	22.97	6.37	0.08	32.00		4.66	0.09	K,I	5	4	+70099
+70100	10	41	37	+67	40.4	2	11.50	0.2	3.5	0.56	0.03	1.00	3.97	0.04	0.94		3.41	0.05		8	5	+70100

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+70051	0 0 1 0 0 0 1 0 0 0											+70051
+70052	0 0 1 0 0 1 0 0 0 0	8.80	K5				+66	312		1	0.1	+70052
+70053	0 0 1 0 0 2 0 0 0 0	7.02	K0			5401	+69	258		4	-0.3	+70053
+70054	0 0 1 0 0 1 0 0 0 0								T CAM	-6	0.2	+70054
+70055	0 0 1 0 0 2 0 0 0 0	6.90	N3			5854	+67	350	ST CAM	-2	0.0	+70055
+70056	0 0 1 0 0 0 2 0 0 0											+70056
+70057	0 0 1 0 0 0 2 0 0 0	6.06	K5	III	1572	6070	+74	229		4	-0.1	+70057
+70058	0 0 1 0 0 2 2 0 0 0	6.63	K0		1587	6111	+73	264		6	0.1	+70058
+70059	0 0 1 0 0 2 0 0 0 0	8.50	MA				+68	368	UX CAM	-1	-0.1	+70059
+70060	0 0 1 0 0 1 0 0 0 0											+70060
+70061	0 0 2 0 0 2 2 0 0 0	7.03	M0			6568	+73	285		2	0.3	+70061
+70062	0 0 1 0 0 2 0 0 0 0								RR CAM	3	0.3	+70062
+70063	1 0 0 2 0 2 1 0 0 0	7.10	A2				+64	534		-19	0.4	+70063
+70064	0 0 1 0 0 2 0 0 0 0	7.80	S8			7005	+68	398	S CAM	2	-0.3	+70064
+70065	1 0 0 2 0 1 1 0 0 0	5.63	K5	G	1916	7068	+65	485		-2	0.1	+70065
+70066	0 0 1 0 0 2 0 0 0 0											+70066
+70067	0 0 1 0 0 0 2 0 0 0								V CAM	1	0.6	+70067
+70068	1 0 0 2 0 1 1 0 0 0	7.70	K5			7575	+66	420		4	0.4	+70068
+70069	1 0 0 2 0 1 1 0 0 0	5.28	K2	II	2165	7856	+65	517		-2	0.4	+70069
+70070	1 0 1 0 0 2 0 0 0 0	8.30	MA				+71	363		2	0.0	+70070
+70071	1 0 1 0 0 1 0 0 0 0	5.66	K4	G	2581	9152	+70	430		2	0.3	+70071
+70072	1 0 1 0 0 1 0 0 0 0	7.30	K5				+69	400		4	-0.8	+70072
+70073	1 0 1 0 0 1 0 0 0 0	6.47	K0		2617	9289	+70	432		0	0.4	+70073
+70074	1 0 0 0 0 1 1 0 0 0	8.50	K0				+66	484		-2	-1.7	+70074
+70075	2 0 1 0 0 1 0 0 0 0	7.60	M3			9529	+69	413	AA CAM	1	0.1	+70075
+70076	1 0 0 0 0 1 0 0 0 0	5.67	K2	G	2830	9985	+68	480		4	0.4	+70076
+70077R	1 0 0 0 0 2 2 0 0 0	8.70					+67	497		0	0.2	+70077
+70078	1 0 0 0 0 1 1 0 0 0	7.40	MA				+66	512		-2	0.3	+70078
+70079	1 0 0 0 0 1 2 0 0 0	9.00					+68	512		-2	0.0	+70079
+70080	1 0 1 0 0 0 2 0 0 0	5.42	K3	III	3075	10745	+74	338		1	0.0	+70080
+70081	1 0 0 0 0 0 1 0 0 0											+70081
+70082	1 0 0 0 0 0 1 0 0 0								RZ UMA	2	0.1	+70082
+70083R	1 0 0 0 0 1 0 0 0 0	6.05	M0	G	3236	11302	+72	409		-1	0.5	+70083
+70084	1 0 0 0 0 1 3 0 0 0	7.19	M0			11324	+67	534		2	0.2	+70084
+70085	1 0 0 0 0 0 2 0 0 0	9.00	MB				+67	550		1	0.1	+70085
+70086	1 0 0 0 0 1 2 0 0 0	7.38	M0			12167	+70	536		0	0.1	+70086
+70087	0 0 0 0 0 2 4 0 0 0	4.76	M3	G	3576	12447	+68	551		-2	-0.1	+70087
+70088	0 0 0 0 0 0 1 0 0 0	5.15	K5	III	3609	12576	+67	573		1	0.2	+70088
+70089	1 0 0 0 0 1 3 0 0 0	7.80					+69	506		0	0.0	+70089
+70090	1 0 0 0 0 1 4 0 0 0	4.58	G2	IV	3771	13171	+70	565		-2	-0.5	+70090
+70091	0 0 0 0 0 1 4 0 0 0	6.13	K5		3824	13304	+67	602		4	0.4	+70091
+70092	0 0 0 0 0 1 3 0 0 0	5.20	K0	III	3839	13364	+72	466		-2	0.4	+70092
+70093	1 0 0 0 0 0 1 0 0 0	7.22	M0			13430	+66	630		0	0.0	+70093
+70094	1 0 0 0 0 0 3 0 0 0											+70094
+70095	1 0 0 0 0 0 3 0 0 0											+70095
+70096	1 0 0 0 0 0 3 0 0 0	5.73	K3	G	4176	14682	+69	583		3	-0.1	+70096
+70097	2 0 0 0 0 0 1 0 0 0	5.10	K2	III	4178	14688	+66	678		-3	0.1	+70097
+70098	1 C 0 0 0 0 3 0 0 0	5.00	K3	III	4181	14713	+69	586		0	-0.2	+70098
+70099	2 0 0 0 0 0 3 0 0 0	5.90	M4E			14753	+69	587	R UMA	1	-0.3	+70099
+70100	1 0 0 0 1 0 6 0 0 0	5.89	C6		4195	14761	+68	617	VY UMA	-1	-0.1	+70100

NO.	RA(1950)	DEC(1950)	RA		DEC		K			I			Q	I-K		CHI-SQ	NK	NI	NO.
	H M S	D M	ER	CHI	ER	CHI	MAG	ER	CHI	MAG	ER	CHI		MAG	ER	EXCESS			
+70101	10 44 14	+65 52.9	3	0.63	0.3	0.1	1.77	0.07	0.06	4.65	-	-	Q	2.88	-		2	2	+70101
+70102	10 52 6	+72 8.5	2	3.50	0.3	0.7	2.70	0.07	11.12	7.92	0.19	2.50		5.22	0.20	K	4	4	+70102
+70103	10 53 51	+74 36.1	4	8.00	0.3	3.1	0.65	0.06	0.06	4.40	0.10	0.06		3.75	0.12		2	2	+70103
+70104	10 55 38	+70 15.7	2	5.31	0.2	2.2	1.96	0.04	6.72	4.99	0.04	7.62		3.03	0.06	I	5	4	+70104
+70105	11 8 47	+71 52.0	2	2.62	0.3	2.6	2.62	0.06	6.00	5.84	0.05	2.00		3.22	0.08		6	4	+70105
+70106	11 17 57	+65 37.4	3	1.37	0.3	0.7	2.84	0.11	0.06	6.62	0.11	0.06		3.78	0.16		2	2	+70106
+70107	11 28 25	+69 36.4	2	2.75	0.3	0.2	-0.20	0.04	3.50	*	-	-		-	-		4	0*	+70107
+70108	11 33 8	+69 35.8	3	0.25	0.5	0.2	2.88	0.08	0.63	4.60	-	-	Q	1.72	-		4	3	+70108
+70109	11 37 23	+68 30.0	3	1.50	0.3	3.0	2.93	0.09	0.12	6.04	0.06	0.75		3.11	0.11		4	3	+70109
+70110	11 39 44	+67 1.5	2	0.25	0.3	1.5	2.51	0.09	0.06	4.45	0.11	0.06		1.94	0.14		2	2	+70110
+70111R	12 3 5	+69 2.1	2	4.87	0.3	3.0	2.54	0.06	0.19	5.17	-	-	Q	2.63	-		6	5	+70111
+70112	12 12 40	+70 28.2	3	1.25	0.3	0.3	2.94	0.08	1.87	4.92	0.04	0.75		1.98	0.09		5	4	+70112
+70113	12 27 52	+69 28.5	2	3.44	0.2	0.9	0.37	0.04	1.41	2.99	0.04	0.47		2.62	0.06		5	5	+70113
+70114	12 32 34	+70 17.6	2	0.31	0.2	0.9	1.65	0.04	1.25	3.85	0.05	0.25		2.20	0.06		5	4	+70114
+70115	12 45 34	+67 4.1	2	0.37	0.3	2.3	1.65	0.05	0.19	4.02	0.07	0.47		2.37	0.09		3	3	+70115
+70116	12 54 33	+66 16.4	2	0.12	0.3	1.5	0.27	0.05	5.31	4.28	-	-	Q	4.01	-	K	2	2	+70116
+70117	12 58 4	+66 53.0	3	1.75	0.3	0.2	2.28	0.07	0.25	4.40	0.09	0.06		2.12	0.11		2	2	+70117
+70118	13 24 47	+72 39.3	2	5.50	0.3	1.5	1.81	0.05	7.62	4.23	-	-	Q	2.42	-	K	4	4	+70118
+70119	13 33 35	+73 41.1	3	7.87	0.3	7.1	2.58	0.06	20.25	6.30	0.05	48.00		3.72	0.08	K,I	6	6	+70119
+70120	13 35 58	+71 29.9	2	1.75	0.3	2.3	2.69	0.07	3.50	4.67	0.04	1.62		1.98	0.08		4	4	+70120
+70121	13 37 43	+74 33.3	3	12.25	0.3	6.3	2.19	0.05	2.50	5.31	0.06	3.47		3.12	0.08		4	3	+70121
+70122	14 0 42	+68 54.0	4	1.50	0.7	0.4	2.98	0.12	0.47	5.28	0.06	0.06		2.30	0.13		3	2	+70122
+70123	14 11 4	+69 39.8	3	1.12	0.3	0.4	1.13	0.05	3.75	3.50	0.05	1.69		2.37	0.07		3	3	+70123
+70124	14 16 12	+67 1.6	2	7.75	0.3	5.5	0.84	0.04	2.75	5.27	0.05	9.94		4.43	0.06	I	4	3	+70124
+70125	14 50 47	+74 21.9	4	0.25	0.3	3.1	-1.24	0.07	1.75	*	-	-		-	-		2	0*	+70125
+70126	14 56 47	+66 8.0	2	0.37	0.3	1.5	-1.08	0.05	0.19	*	-	-		-	-	K	3*	0*	+70126
+70127	15 7 34	+65 58.8	2	1.87	0.3	0.7	1.78	0.06	1.97	4.68	0.06	0.47		2.90	0.08		3	3	+70127
+70128	15 17 2	+72 0.1	3	11.25	0.3	0.2	1.92	0.05	1.41	3.97	0.06	0.09		2.05	0.08		3	3	+70128
+70129	15 20 46	+72 0.5	3	12.00	0.3	0.2	2.65	0.06	0.94	3.07	0.05	0.09		0.42	0.08		3	3	+70129
+70130	15 29 53	+70 33.5	3	4.31	0.3	2.4	2.81	0.07	1.69	6.01	0.06	0.28		3.20	0.09		3	3	+70130
+70131R	15 37 29	+69 26.5	4	3.56	0.5	0.4	2.58	0.07	1.22	4.64	-	-	Q	2.06	-		3	3	+70131
+70132	15 42 16	+67 13.7	2	13.00	0.3	0.7	2.95	0.08	2.12	5.96	0.05	0.87		3.01	0.09		4	4	+70132
+70133	16 21 54	+69 13.5	4	2.00	0.3	0.5	2.83	0.11	0.25	4.56	0.10	0.37		1.73	0.15		2	2	+70133
+70134	16 28 13	+67 9.6	2	2.75	0.3	1.5	1.92	0.05	0.75	4.65	0.04	1.37		2.73	0.06		4	4	+70134
+70135	16 30 38	+72 23.2	4	2.25	0.3	0.1	0.20	0.06	0.06	4.77	0.07	3.50		4.57	0.09	I	2	2	+70135
+70136	16 32 32	+66 51.6	2	2.25	0.3	0.5	2.16	0.05	32.00	5.63	0.06	0.56		3.47	0.08	K	4	2	+70136
+70137	16 41 30	+72 46.4	4	0.12	0.3	0.1	2.40	0.09	0.06	5.12	0.06	0.37		2.72	0.11		2	2	+70137
+70138	17 19 24	+67 20.7	3	1.31	0.3	0.4	2.91	0.09	0.56	5.85	0.07	0.19		2.94	0.11		3	3	+70138
+70139	17 24 2	+71 54.9	4	0.37	0.3	0.5	0.90	0.07	0.37	4.31	0.37	-		3.41	0.38		2	1	+70139
+70140	17 32 14	+68 9.9	4	1.00	0.7	0.1	2.62	0.08	0.12	4.32	0.08	0.06		1.70	0.11		2	2	+70140
+70141	17 36 51	+68 30.6	4	0.75	0.3	0.1	2.92	0.10	0.06	5.38	-	-	Q	2.46	-		2	2	+70141
+70142	18 9 35	+71 33.6	3	1.00	0.3	0.7	2.59	0.08	1.00	6.23	0.06	2.91		3.64	0.10		4	3	+70142
+70143	18 19 50	+67 24.6	2	1.87	0.3	0.3	2.63	0.07	0.31	5.30	0.05	0.25		2.67	0.09		5	4	+70143
+70144	18 21 55	+72 42.6	3	6.56	0.3	0.2	2.25	0.06	0.09	3.12	0.06	0.09		0.87	0.08		3	3	+70144
+70145	18 25 48	+65 32.0	2	0.19	0.3	0.2	1.95	0.05	0.37	3.90	0.07	0.28		1.95	0.09		3	3	+70145
+70146	18 38 55	+74 17.0	4	0.19	0.3	1.7	2.01	0.06	0.28	5.87	0.05	14.72		3.86	0.08	I	3	3	+70146
+70147	18 54 59	+71 13.9	3	7.69	0.3	0.6	2.24	0.05	0.09	3.97	0.06	0.56		1.73	0.08		3	3	+70147
+70148	19 9 53	+66 1.1	3	1.50	0.3	0.2	0.89	0.05	0.06	4.52	-	-	Q	3.63	-		2	2	+70148
+70149	19 10 3	+67 11.9	3	0.75	0.3	0.7	1.86	0.05	0.66	6.02	0.07	24.00		4.16	0.09	I	3	3	+70149
+70150	19 12 32	+67 34.8	3	2.06	0.3	0.4	0.76	0.05	0.28	*	-	-		-	-		3	0*	+70150

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+70101	1 0 0 0 0 0 1 0 0 0	7.50	MA				+66	681		-3	0.0	+70101
+70102	1 0 0 0 0 0 3 0 0 0											+70102
+70103	1 0 0 0 0 0 1 0 0 0	8.00	MB				+75	429		3	-0.1	+70103
+70104	1 0 0 0 1 0 3 0 0 0	7.00	MA				+70	641	VW UMA	0	0.3	+70104
+70105	1 0 0 0 1 0 4 0 0 0	8.70	MA				+72	521		0	0.1	+70105
+70106	1 0 0 0 0 0 1 0 0 0											+70106
+70107	1 0 0 0 1 0 2 0 0 0	3.80	MO	III	4434	15799	+70	665		-3	-0.1	+70107
+70108	1 0 0 0 1 0 2 0 0 0	5.13	KO	III	4461	15893	+70	670		-1	-0.3	+70108
+70109	1 0 0 0 1 0 2 0 0 0	8.30	MA				+69	619		-2	0.0	+70109
+70110	1 0 0 0 0 0 1 0 0 0	5.34	K3	III	4504	16072	+67	714		2	0.2	+70110
+70111R	2 1 0 0 1 0 2 0 0 0	8.07	MO			16522	+69	641		1	-0.1	+70111
+70112	1 1 0 0 1 0 2 0 0 0	5.72	K2	G	4659	16733	+71	610		-7	-0.4	+70112
+70113	1 1 0 0 1 0 2 0 0 0	4.95	M4	G	4765	17046	+70	700		-4	-0.2	+70113
+70114	1 1 0 0 1 0 2 0 0 0	4.94	K2	G	4795	17148	+70	705		-5	-0.2	+70114
+70115	1 0 0 0 1 0 1 0 0 0	5.46	K5	G	4863	17387	+67	764		1	0.3	+70115
+70116	0 0 0 0 1 0 1 0 0 0	6.10	N P			17574	+66	780	RY DRA	4	0.5	+70116
+70117	0 0 0 0 1 0 1 0 0 0	5.32	K2	III	4928	17651	+67	773		2	1.0	+70117
+70118	1 1 0 0 1 0 1 0 0 0	5.88	M1	G	5073	18183	+73	592		-5	0.2	+70118
+70119	1 1 0 0 2 0 2 0 0 0								T UMI	-4	0.0	+70119
+70120	1 1 0 0 1 0 1 0 0 0	5.54	K2	G	5139	18445	+71	659		-2	0.1	+70120
+70121	1 1 0 0 1 0 1 0 0 0	7.70	MA				+75	512	V UMI	-5	-0.6	+70121
+70122	1 0 0 0 1 0 1 0 0 0	6.26	K5		5282	18980	+69	733		-2	-1.1	+70122
+70123	0 1 0 0 1 0 1 0 0 0	5.19	M2	G	5334	19189	+70	778		-5	-0.3	+70123
+70124	1 1 0 0 1 0 1 0 0 0								U UMI	-3	0.1	+70124
+70125	0 1 0 0 1 0 0 0 0 0	2.07	K4	III	5563	20029	+74	595		-3	0.3	+70125
+70126	1 1 0 0 1 0 1 1 0 0	4.58	M5	G	5589	20170	+66	878	RR UMI	0	0.1	+70126
+70127	0 1 0 0 1 0 0 1 0 0	6.82	MO			20396	+66	890		-2	0.1	+70127
+70128	0 1 0 0 1 0 1 0 0 0	5.02	K4	III	5714	20598	+72	678		-5	-0.2	+70128
+70129	0 1 0 0 1 0 1 0 0 0	3.05	A3	II	5735	20692	+72	679		-2	-0.2	+70129
+70130	0 1 0 0 1 0 1 0 0 0	8.50	K5				+70	836		-3	0.1	+70130
+70131R	0 1 0 0 1 0 1 0 0 0	5.70	MO	G	5844	21065	+69	806		-1	-0.2	+70131
+70132	0 1 0 0 1 0 0 2 0 0	7.70	K5				+67	914		-3	0.3	+70132
+70133	0 1 0 0 1 0 0 0 0 0	5.28	K2	III	6126	22062	+69	845		-1	0.0	+70133
+70134	0 2 0 0 1 0 0 1 0 0	6.73	MO			22199	+67	942		0	0.5	+70134
+70135	0 1 0 0 1 0 0 0 0 0								R UMI	-1	0.1	+70135
+70136	0 2 0 0 1 0 0 1 0 0	6.40	M6E			22297	+67	950	R DRA	2	0.1	+70136
+70137	0 1 0 0 1 0 0 0 0 0	6.94	MO			22511	+72	745		-2	0.4	+70137
+70138	0 1 0 0 1 0 0 1 0 0	7.90					+67	1004		0	0.7	+70138
+70139	0 1 0 0 1 0 0 0 0 0	7.05	M3			23623	+71	841		-2	0.1	+70139
+70140	0 1 0 0 1 0 0 0 0 0	5.05	KO	III	6566	23821	+68	938		4	-0.1	+70140
+70141	0 1 0 0 1 0 0 0 0 0	7.60	K5			23927	+68	945		6	-0.4	+70141
+70142	0 2 0 0 2 0 0 0 0 0											+70142
+70143	0 1 0 0 3 0 0 1 0 0	7.13	MO			25071	+67	1066		3	0.0	+70143
+70144	0 2 0 0 1 0 0 0 0 0	3.58	F7	V	6927	25122	+72	839		-3	-0.1	+70144
+70145	0 1 0 0 2 0 0 0 0 0	4.81	K2	III	6945	25212	+65	1271		-3	0.1	+70145
+70146	0 2 0 0 1 0 0 0 0 0								RS DRA	0	0.1	+70146
+70147	0 1 0 0 2 0 0 0 0 0	4.82	KO	III	7180	26024	+71	915		-3	0.0	+70147
+70148	0 1 0 0 1 0 0 0 0 0	8.10	MB				+65	1327	SZ DRA	0	0.0	+70148
+70149	0 1 0 0 2 0 0 0 0 0								U DRA	4	0.3	+70149
+70150	0 1 0 0 2 0 0 0 0 0	3.07	G9	III	7310	26520	+67	1129		-1	0.3	+70150

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+70151	19 13 25	+73 48.9	4	2.81	0.3	2.1	2.27	0.06	0.37	5.28	0.04	2.06		3.01	0.07		3	3	+70151
+70152	19 13 45	+67 26.7	3	0.94	0.3	0.4	1.79	0.04	2.53	5.95	-	-	Q	4.16	-		3	3	+70152
+70153	19 16 29	+73 16.4	3	5.62	0.3	0.6	1.71	0.05	1.22	3.46	0.05	0.28		1.75	0.07		3	3	+70153
+70154	19 23 40	+68 55.3	4	4.00	0.3	1.5	2.24	0.10	0.37	5.04	0.05	0.44		2.80	0.11		4	2	+70154
+70155R	19 23 45	+65 32.8	3	1.12	0.3	0.1	1.97	0.07	0.06	5.57	-	-	Q	3.60	-		2	2	+70155
+70156	19 24 20	+71 35.8	4	2.00	0.3	1.1	1.96	0.07	0.06	7.25	0.13	0.06		5.29	0.15		2	2	+70156
+70157R	19 31 26	+70 52.3	4	0.75	0.5	0.1	2.61	0.08	0.06	5.00	-	-	Q	2.39	-		2	2	+70157
+70158	19 32 31	+69 34.4	3	0.25	0.3	1.0	2.83	0.08	0.50	4.11	0.07	0.56		1.28	0.11		4	3	+70158
+70159	19 35 34	+69 41.5	3	0.37	0.3	0.2	0.82	0.04	0.28	4.10	0.06	0.19		3.28	0.07		3	3	+70159
+70160	19 48 20	+70 8.2	4	0.12	0.3	2.0	1.67	0.06	0.12	3.13	0.06	0.06		1.46	0.08		2	2	+70160
+70161R	20 2 35	+67 44.0	3	1.31	0.3	0.2	1.59	0.04	0.84	3.45	-	-	Q	1.86	-		3	3	+70161
+70162	20 4 39	+67 53.3	3	0.19	0.3	0.4	1.80	0.05	0.09	4.61	0.10	0.06		2.81	0.11		3	2	+70162
+70163	20 12 26	+66 5.6	2	0.56	0.3	0.4	0.57	0.04	3.37	5.03	0.12	0.87		4.46	0.13		3	2	+70163
+70164	20 15 15	+72 27.2	4	0.12	0.5	0.4	2.30	0.06	0.19	5.19	0.05	0.12		2.89	0.08		2	2	+70164
+70165	20 17 24	+66 51.3	3	1.31	0.3	1.7	2.40	0.06	1.87	6.58	0.20	0.06		4.18	0.21		3	2	+70165
+70166	20 19 51	+68 43.3	3	0.56	0.3	1.3	-0.14	0.05	0.19	2.86	0.05	0.06		3.00	0.07		3	2	+70166
+70167	20 36 28	+68 23.0	3	3.75	0.3	0.2	2.86	0.07	0.09	6.11	0.07	0.06		3.25	0.10		3	2	+70167
+70168	21 8 52	+68 17.4	4	0.12	0.3	0.5	-1.56	0.06	1.31	3.26	0.06	2.87		4.82	0.08	K,I	2*	2	+70168
+70169	21 23 13	+65 21.5	2	1.75	0.3	5.0	2.74	0.06	1.00	6.42	0.06	1.41		3.68	0.08		4	3	+70169
+70170	21 26 13	+70 0.2	3	3.25	0.3	2.0	2.46	0.06	7.62	8.23	0.25	0.09		5.77	0.26	K	4	3	+70170
+70171	21 26 59	+71 36.1	3	1.12	0.3	0.2	2.32	0.06	24.00	8.07	0.22	9.09		5.75	0.23	K,I	3	3	+70171
+70172	21 38 10	+65 34.4	4	0.94	0.5	2.6	2.95	0.09	0.09	7.35	0.11	1.12		4.40	0.14		3	2	+70172
+70173	21 38 16	+68 11.6	2	0.75	0.3	0.7	2.89	0.07	2.87	6.64	0.09	0.87		3.75	0.11		4	2	+70173
+70174	21 40 8	+73 55.0	3	3.00	0.3	4.3	2.21	0.05	2.62	7.04	0.14	-		4.83	0.15		4	1	+70174
+70175	21 41 9	+71 4.6	3	2.81	0.3	0.9	2.07	0.06	1.59	3.76	0.06	0.19		1.69	0.08		3	3	+70175
+70176	21 42 26	+72 5.3	3	0.50	0.3	7.0	2.75	0.07	1.75	4.54	0.08	0.28		1.79	0.11		4	3	+70176
+70177	21 44 5	+73 24.6	2	5.31	0.2	0.9	1.10	0.03	10.31	6.60	0.06	23.13		5.50	0.07	K,I	5	5	+70177
+70178	21 45 15	+67 24.7	2	10.94	0.3	2.2	2.35	0.04	0.16	7.03	0.08	4.25		4.68	0.09		5	4	+70178
+70179	21 48 29	+65 0.1	2	1.00	0.3	1.0	2.63	0.06	0.87	5.62	0.04	0.37		2.99	0.07		4	4	+70179
+70180	21 56 6	+65 54.1	2	0.50	0.3	0.2	2.36	0.05	0.75	4.87	-	-	Q	2.51	-		4	4	+70180
+70181	21 57 22	+74 45.9	4	1.25	0.3	1.9	2.39	0.06	1.09	4.91	0.04	5.78		2.52	0.07		5	5	+70181
+70182	21 58 43	+65 11.7	2	0.50	0.3	1.0	2.30	0.04	4.00	5.20	0.04	0.87		2.90	0.06		4	4	+70182
+70183	22 6 42	+74 29.4	3	2.00	0.3	2.0	1.77	0.04	0.37	4.95	0.07	0.06		3.18	0.08		4	2	+70183
+70184	22 7 28	+72 31.5	3	0.75	0.3	1.3	1.13	0.05	0.84	4.47	0.10	0.47		3.34	0.11		3	3	+70184
+70185	22 8 52	+72 5.6	3	8.00	0.3	0.7	2.66	0.07	0.12	4.28	0.07	2.50		1.62	0.10		4	4	+70185
+70186	22 18 8	+66 34.5	3	1.00	0.5	2.5	2.98	0.08	0.37	7.44	0.11	0.37		4.46	0.14		4	4	+70186
+70187	22 24 41	+70 30.7	4	1.75	0.3	4.0	2.68	0.08	1.25	4.62	0.08	0.37		1.94	0.11		4	3	+70187
+70188	22 31 31	+66 40.0	2	13.50	0.3	0.7	2.73	0.05	2.44	8.47	0.24	0.47		5.74	0.25		6	5	+70188
+70189	22 43 46	+65 28.0	2	6.56	0.3	1.2	2.95	0.06	2.50	6.71	0.06	1.72		3.76	0.08		5	5	+70189
+70190	22 47 57	+65 56.6	2	9.06	0.2	0.6	1.13	0.03	3.75	2.66	0.03	2.50		1.53	0.04		5	5	+70190
+70191	23 0 40	+70 48.6	4	9.94	0.5	0.2	2.92	0.09	0.47	7.22	0.12	4.31		4.30	0.15		3	3	+70191
+70192	23 1 40	+66 56.8	2	15.62	0.3	5.0	2.48	0.05	3.91	4.38	0.05	1.41		1.90	0.07		5	5	+70192
+70193	23 11 4	+66 48.6	2	7.81	0.3	0.6	2.13	0.05	2.66	5.40	0.04	2.66		3.27	0.06		5	5	+70193
+70194	23 16 36	+67 50.1	2	8.25	0.3	2.8	2.77	0.09	0.25	4.30	0.07	5.50		1.53	0.11		4	4	+70194
+70195	23 27 27	+65 16.9	3	2.06	0.5	1.5	2.73	0.08	2.91	7.34	0.13	0.94		4.61	0.15		3	3	+70195
+70196	23 31 25	+70 5.5	3	0.37	0.5	0.9	2.95	0.09	0.19	5.99	0.06	3.56		3.04	0.11		3	3	+70196
+70197	23 31 31	+68 12.4	2	1.00	0.3	1.0	2.98	0.08	2.00	6.57	0.08	0.09		3.59	0.11		4	3	+70197
+70198	23 32 50	+71 21.7	3	4.50	0.3	5.8	1.96	0.05	2.75	4.40	0.06	0.25		2.44	0.08		4	4	+70198
+70199	23 38 14	+70 9.5	2	2.81	0.3	5.9	2.52	0.07	1.72	6.97	-	-	Q	4.45	-		5	3	+70199
+70200	23 40 52	+73 43.6	3	1.25	0.3	1.7	2.65	0.08	1.37	6.06	0.06	0.87		3.41	0.10		4	4	+70200

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+70151	0 1 0 0 2 0 0 0 0 0	8.10	M0			26549	+73	854		-4	0.6	+70151
+70152	0 1 0 0 2 0 0 0 0 0											+70152
+70153	0 1 0 0 2 0 0 0 0 0	4.45	K3	III	7352	26638	+73	857		-3	0.6	+70153
+70154	0 3 0 0 1 0 0 0 0 0	7.14	M0			26832	+68	1062		-3	0.3	+70154
+70155R	0 1 0 0 1 0 0 0 0 0	8.90					+65	1354		-5	-0.5	+70155
+70156	0 1 0 0 1 0 0 0 0 0	9.60					+71	952	YZ DRA	-19	1.6	+70156
+70157R	0 1 0 0 1 0 0 0 0 0	6.08	K2		7450	27023	+70	1073		1	-0.6	+70157
+70158	0 2 0 0 2 0 0 0 0 0	4.68	K0	V	7462	27050	+69	1053		3	-0.2	+70158
+70159	0 1 0 0 2 0 0 0 0 0	7.10	M3			27154	+69	1058		-3	-0.1	+70159
+70160	0 1 0 0 1 0 0 0 0 0	3.82	G8	III	7582	27471	+69	1070		-2	-0.2	+70160
+70161R	0 1 0 0 2 0 0 0 0 0	4.50	K3	III	7685	27856	+67	1222		-2	0.1	+70161
+70162	0 1 0 0 2 0 0 0 0 0	5.39	M1		7704	27909	+67	1226		-2	0.3	+70162
+70163	0 1 0 0 1 0 0 0 1 0	8.80	MC				+65	1439		0	0.0	+70163
+70164	0 1 0 0 1 0 0 0 0 0	7.34	M0			28201	+72	945		-4	0.2	+70164
+70165	0 1 0 0 1 0 0 0 1 0											+70165
+70166	0 2 0 0 1 0 0 0 0 0	5.99	M5	G	7804	28324	+68	1121	AC DRA	-3	0.0	+70166
+70167	0 1 0 0 1 0 0 0 1 0	8.60	MA				+68	1140		1	0.0	+70167
+70168	0 1 0 0 1 0 0 0 1 0	5.20	M7	G	8113	29611	+67	1291	T CEP	-2	0.2	+70168
+70169	0 1 0 0 2 0 0 0 1 0											+70169
+70170	0 1 1 0 2 0 0 0 0 0											+70170
+70171	0 1 1 0 1 0 0 0 0 0											+70171
+70172	0 1 0 0 1 0 0 0 1 0											+70172
+70173	0 2 0 0 1 0 0 0 1 0											+70173
+70174	0 1 1 0 1 1 0 0 0 0											+70174
+70175	0 1 1 0 1 0 0 0 0 0	4.57	K0	III	8317	30415	+70	1193		-3	-0.2	+70175
+70176	0 1 1 0 2 0 0 0 0 0	5.22	K1	III	8324	30452	+71	1082		-3	-0.2	+70176
+70177	0 1 1 0 2 1 0 0 0 0											+70177
+70178	0 1 0 0 3 0 0 0 1 0											+70178
+70179	0 1 0 0 1 0 0 0 2 0	7.80	MA				+64	1596		-1	0.2	+70179
+70180	0 1 0 0 1 0 0 0 2 0	7.04	K5			30749	+65	1693		-2	0.1	+70180
+70181	0 1 2 0 1 1 0 0 0 0	6.48	K5		8395	30772	+74	946		-2	0.4	+70181
+70182	0 1 0 0 1 1 0 0 1 0	7.25	K5			30806	+64	1613		0	0.2	+70182
+70183	0 1 1 0 1 1 0 0 0 0	7.80	MA				+74	953		0	0.1	+70183
+70184	0 1 1 0 1 0 0 0 0 0	7.54	M3			31006	+72	1017	DM CEP	4	0.1	+70184
+70185	0 1 2 0 1 0 0 0 0 0	4.79	G8	III	8468	31037	+71	1111		1	-0.1	+70185
+70186	0 1 0 0 1 1 0 0 1 0								BP CEP	4	1.2	+70186
+70187	0 1 1 0 2 0 0 0 0 0	5.52	K2	G	8557	31365	+70	1240		-3	-0.2	+70187
+70188	0 1 1 0 2 1 0 0 1 0											+70188
+70189	0 1 1 0 1 1 0 0 1 0											+70189
+70190	0 1 1 0 1 1 0 0 1 0	3.53	K1	III	8694	31857	+65	1814		3	0.4	+70190
+70191	0 1 1 0 1 0 0 0 0 0											+70191
+70192	0 1 1 0 1 1 0 0 1 0	5.40	K3	III	8779	32142	+66	1575		2	0.4	+70192
+70193	0 1 1 0 1 2 0 0 0 0	7.80	MA				+66	1596		3	0.4	+70193
+70194	0 1 1 0 1 1 0 0 0 0	4.76	K0	III	8872	32463	+67	1514		2	-0.1	+70194
+70195	0 1 1 0 0 1 0 0 0 0											+70195
+70196	0 1 1 0 1 0 0 0 0 0	8.60	M0			32767	+69	1337		5	0.0	+70196
+70197	0 1 1 0 1 1 0 0 0 0	9.10					+67	1533		2	-0.3	+70197
+70198	0 1 1 0 2 0 0 0 0 0	5.84	K0	II	8952	32793	+70	1327		1	-0.2	+70198
+70199	0 2 1 0 2 0 0 0 0 0	9.10					+69	1347		13	-1.1	+70199
+70200	0 1 1 0 1 1 0 0 0 0	8.80					+73	1053		1	0.2	+70200

NO.	RA(1950)	DEC(1950)	RA		DEC		K			I			Q	I-K		CHI-SQ	NK	NI	NO.
	H M S	D M	ER	CHI	ER	CHI	MAG	ER	CHI	MAG	ER	CHI		MAG	ER	EXCESS			
+70201	23 46 41	+68 23.2	2	4.69	0.3	4.7	2.40	0.05	0.94	5.66	0.08	-		3.26	0.09		5	1	+70201
+70202	23 49 41	+66 18.4	3	1.69	0.3	0.2	2.91	0.09	1.03	8.46	0.34	0.25		5.55	0.35		3	2	+70202

NO.	OBSERVATIONAL RECORD	V	TYPE CLASS		OTHER CATALOGS			DA	DD	NO.
	. 65 . 66 . 67 .			BS=HR	GC	DM	VAR	S	M	
+70201	0 1 1 0 1 2 0 0 0 0	8.00	MA			+67 1564		-4	-0.2	+70201
+70202	0 1 1 0 0 1 0 0 0 0									+70202

NO.	K MAG	K ER	I MAG	I ER		DAY 243
+70003	2.29	0.10	6.78	-	Q	8976
+70003	2.89	0.20	7.54	0.37		9066
+70003	2.60	0.13	6.95	0.15		9341
+70003	2.94	0.15	7.70	0.28		9460
+70003	2.87	0.16	7.68	0.31		9470
+70008	2.11	0.08	8.44	0.43		8976
+70008	2.52	0.13	8.70	0.67		9066
+70008	2.35	0.09	8.21	0.41		9460
+70008	2.32	0.09	8.42	0.54		9470
+70012	1.72	0.10	6.22	0.15		9066
+70012	2.49	0.09	6.37	0.11		9460
+70012	2.42	0.09	6.38	0.12		9470
+70012	2.38	0.11	6.31	0.12		9470
+70024	0.63	0.08	6.20	-	Q	9066
+70024	1.61	0.07	6.80	-	Q	9460
+70024	1.72	0.08	6.85	-	Q	9470
+70060	2.33	0.10	6.22	0.11		9068
+70060	2.16	0.07	5.92	0.09		9431
+70064	3.14	0.29	6.61	0.14		9068
+70064	2.73	0.13	6.08	0.11		9468
+70064	2.77	0.12	6.21	0.11		9470
+70067	1.32	0.09	7.35	0.26		9066
+70067	1.44	0.07	7.55	0.34		9498
+70067	1.60	0.07	8.02	0.37		9541
+70074	2.52	0.11	6.76	-	Q	8812
+70074	3.01	0.12	7.26	-	Q	9431
+70074	3.36	0.16	7.23	-	Q	9544
+70081	2.59	0.14	6.98	0.15		8812
+70081	2.53	0.11	6.55	0.12		9544
+70095	1.43	0.17	5.67	0.17		8826
+70095	1.54	0.07	5.87	0.09		9494
+70095	1.49	0.07	5.82	0.08		9520
+70095	1.40	0.07	5.40	0.08		9575
+70099	1.51	0.32	-	-		8812
+70099	1.61	0.17	6.37	0.19		8826
+70099	1.88	0.08	6.65	0.15		9494
+70099	1.78	0.07	6.27	0.10		9520
+70099	1.34	0.07	4.39	0.13		9575
+70102	3.10	0.24	8.41	0.54		8826
+70102	2.46	0.11	7.46	0.27		9494
+70102	2.55	0.10	7.87	0.29		9520
+70102	2.95	0.15	8.13	0.43		9575
+70104	1.94	0.17	5.07	0.17		8826
+70104	2.40	0.21	-	-		9252
+70104	1.93	0.08	4.94	0.08		9494
+70104	1.96	0.07	5.12	0.07		9520
+70104	1.87	0.08	4.83	0.07		9575
+70116	0.37	0.07	4.43	-	Q	9250
+70116	0.12	0.07	4.12	-	Q	9544
+70118	1.83	0.17	4.32	-	Q	8826
+70118	1.96	0.08	4.22	-	Q	8896
+70118	1.77	0.09	4.29	-	Q	9252
+70118	1.62	0.08	4.14	-	Q	9575
+70119	3.27	0.29	7.71	0.33		8826
+70119	2.91	0.34	6.23	0.11		8896
+70119	2.46	0.13	6.27	0.11		9252
+70119	2.74	0.16	6.42	0.11		9274
+70119	2.57	0.12	5.51	0.08		9541
+70119	2.18	0.10	5.63	0.08		9575
+70124	1.11	0.21	4.42	-	Q	8812
+70124	0.77	0.07	5.35	0.08		8923
+70124	0.86	0.06	5.39	0.08		9250
+70124	0.82	0.06	5.05	0.07		9544
+70126	-1.00	0.21	*	-		8812
+70126	-1.08	0.07	*	-		8923
+70126	*	-	*	-		9250
+70126	-1.09	0.07	*	-		9544
+70126	*	-	*	-		9662
+70135	0.21	0.08	4.49	0.13		8896
+70135	0.18	0.09	4.82	0.07		9252
+70136	1.77	0.08	5.58	0.08		8923
+70136	2.02	0.10	5.91	-	Q	8945
+70136	2.97	0.19	7.45	-	Q	9250
+70136	1.97	0.08	5.67	0.08		9662
+70146	2.09	0.17	5.59	0.09		8896
+70146	1.99	0.09	5.76	0.08		8976
+70146	2.00	0.07	6.10	0.09		9332
+70149	1.83	0.07	5.77	0.08		8945
+70149	1.95	0.12	5.91	0.09		9250
+70149	1.85	0.07	7.04	0.31		9324
+70168	-1.49	0.08	3.35	0.08		8945
+70168	-1.62	0.07	3.14	0.08		9341
+70168	*	-	*	-		9777
+70170	2.31	0.10	8.23	0.36		8976
+70170	2.15	0.13	8.07	0.43		9066
+70170	2.50	0.10	-	-		9341
+70170	2.61	0.10	8.34	0.43		9341
+70171	2.35	0.09	8.79	0.54		8976
+70171	2.81	0.16	8.75	0.70		9066
+70171	1.77	0.08	7.33	0.20		9341
+70177	0.97	0.06	6.36	0.10		8976
+70177	0.95	0.08	5.89	0.13		9066
+70177	1.22	0.08	6.85	0.12		9332
+70177	1.13	0.06	6.60	0.12		9341
+70177	1.21	0.08	6.73	0.13		9376

NO.	REMARKS
+70033	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+70077	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+70083	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+70111	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+70131	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+70155	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+70157	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+70161	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)

Declination Zone
+75 to +81 degrees

NO.	RA(1950) H M S	DEC(1950) D M	RA ER	RA CHI	DEC ER	DEC CHI	K MAG	K ER	K CHI	I MAG	I ER	I CHI	Q	I-K MAG	I-K ER	CHI-SQ EXCESS	NK	NI	NO.
+80001	0 11 10	+75 44.9	5	0.25	0.3	0.1	2.12	0.09	0.19	5.11	-	-	Q	2.99	-		2	2	+80001
+80002	0 29 1	+76 18.1	5	0.12	0.7	0.1	2.30	0.08	0.06	5.60	0.08	-		3.30	0.11		2	1	+80002
+80003	1 26 45	+79 23.9	5	2.00	0.5	0.1	2.07	0.07	1.50	5.79	0.08	-		3.72	0.11		2	1	+80003
+80004	1 55 50	+75 42.9	5	0.87	0.7	0.6	2.24	0.08	0.63	5.29	0.08	0.31		3.05	0.11		2	2	+80004
+80005	2 14 41	+78 32.1	6	2.50	0.7	0.1	2.42	0.10	5.37	8.23	0.35	0.06		5.81	0.36	K	2	2	+80005
+80006	2 29 9	+76 29.6	5	0.12	0.3	0.2	1.50	0.06	0.37	4.76	0.10	-		3.26	0.12		2	1	+80006
+80007	2 59 20	+79 13.4	4	3.37	0.3	0.4	1.33	0.05	4.03	3.90	0.09	0.06		2.57	0.10		3	2	+80007
+80008R	3 1 52	+75 36.8	4	1.12	0.3	3.4	1.88	0.06	0.47	5.04	-	-	Q	3.16	-		3	3	+80008
+80009	3 41 42	+80 10.0	7	-	0.2	-	-0.56	0.12	-	2.91	0.27	-		3.47	0.30		1	1	+80009
+80010	4 18 23	+80 41.5	8	-	1.2	-	2.88	0.32	-	4.85	0.22	-		1.97	0.39		1	1	+80010
+80011	5 33 4	+75 1.2	4	3.12	0.3	2.2	2.29	0.06	0.94	4.77	0.05	1.37		2.48	0.08		5	4	+80011
+80012	5 58 19	+75 35.9	3	7.19	0.2	1.9	2.66	0.07	1.87	4.96	0.17	-		2.30	0.18		5	1	+80012
+80013R	6 10 42	+76 42.1	3	1.50	0.3	0.2	2.15	0.06	0.25	5.69	-	-	Q	3.54	-		4	4	+80013
+80014	6 32 48	+78 2.3	3	4.37	0.2	2.5	2.35	0.06	0.47	4.67	0.05	1.09		2.32	0.08		5	5	+80014
+80015	6 41 23	+77 2.5	3	1.00	0.2	2.3	1.23	0.04	0.37	4.70	0.06	0.63		3.47	0.07		4	4	+80015
+80016	6 52 52	+77 2.8	3	1.50	0.3	1.2	1.45	0.05	0.12	3.48	0.05	1.25		2.03	0.07		4	4	+80016
+80017	7 24 7	+75 10.0	4	1.75	0.5	0.2	2.73	0.09	0.50	6.71	-	-	Q	3.98	-		4	4	+80017
+80018	8 44 1	+79 9.0	4	4.12	0.3	0.6	2.12	0.07	0.09	5.49	-	-	Q	3.37	-		3	3	+80018
+80019	8 44 20	+78 20.6	4	0.56	0.3	1.1	1.32	0.06	0.09	4.45	0.10	0.19		3.13	0.12		3	3	+80019
+80020	10 30 50	+75 58.0	4	0.37	0.5	0.2	2.67	0.09	0.09	4.31	0.08	1.59		1.64	0.12		3	3	+80020
+80021	10 51 12	+77 21.2	4	2.44	0.3	1.5	2.19	0.07	0.09	5.00	0.05	0.66		2.81	0.09		3	3	+80021
+80022	11 6 5	+78 3.4	5	0.12	0.7	0.2	2.81	0.10	0.25	5.52	0.06	0.12		2.71	0.12		2	2	+80022
+80023	11 12 38	+75 24.7	4	8.06	0.3	0.7	0.64	0.05	0.66	5.41	0.06	5.06		4.77	0.08	I	3	3	+80023
+80024	11 34 38	+77 52.0	4	1.87	0.3	0.9	2.45	0.08	0.19	5.11	0.05	0.19		2.66	0.09		3	3	+80024
+80025	13 33 53	+76 47.6	4	0.25	0.3	1.2	2.50	0.06	0.37	4.98	0.05	1.25		2.48	0.08		4	4	+80025
+80026	14 8 52	+77 46.9	3	8.75	0.3	4.8	1.56	0.04	0.37	3.71	0.05	1.37		2.15	0.06		4	4	+80026
+80027	14 18 49	+77 21.9	4	7.19	0.3	0.6	2.96	0.07	2.66	6.60	0.06	1.25		3.64	0.09		5	5	+80027
+80028	14 27 29	+75 55.0	3	5.50	0.3	0.7	0.97	0.04	2.62	3.07	0.05	0.63		2.10	0.06		4	4	+80028
+80029	14 55 20	+75 4.9	5	0.12	0.3	0.2	2.25	0.07	0.81	5.11	0.07	-		2.86	0.10		2	1	+80029
+80030	15 31 21	+78 48.3	5	4.75	0.3	0.2	0.26	0.06	0.25	4.33	0.08	2.56		4.07	0.10		2	2	+80030
+80031	15 32 50	+77 31.0	5	0.12	0.3	0.4	1.33	0.05	0.63	3.68	0.07	0.12		2.35	0.09		2	2	+80031
+80032	17 23 29	+80 11.0	7	-	0.5	-	2.27	0.10	-	4.44	0.12	-		2.17	0.16		1	1	+80032
+80033	17 52 59	+78 18.7	5	0.63	0.5	0.9	2.88	0.09	0.06	5.16	0.05	4.12		2.28	0.10	I	2	2	+80033
+80034	17 55 28	+80 38.9	8	-	0.8	-	2.16	0.10	-	6.27	0.64	-		4.11	0.65		1	1	+80034
+80035	18 32 1	+77 30.1	5	1.62	0.5	0.1	2.89	0.09	0.37	4.84	0.06	0.06		1.95	0.11		2	2	+80035
+80036	19 23 14	+76 28.0	4	0.25	0.3	0.2	0.18	0.05	2.19	3.85	0.06	0.37		3.67	0.08		2	2	+80036
+80037	19 53 20	+78 29.6	5	0.25	0.5	0.2	2.99	0.09	0.06	5.98	0.07	2.50		2.99	0.11		2	2	+80037
+80038	20 0 58	+76 20.7	3	5.94	0.3	0.9	1.90	0.05	2.19	4.54	0.07	0.63		2.64	0.09		5	4	+80038
+80039	20 14 8	+80 1.7	7	-	0.5	-	2.66	0.13	-	6.93	0.16	-		4.27	0.21		1	1	+80039
+80040	20 24 53	+75 5.0	4	1.12	0.3	0.7	0.38	0.07	2.44	4.89	0.11	0.37		4.51	0.13		3	3	+80040
+80041	20 42 11	+80 19.9	5	2.44	0.7	1.5	2.46	0.09	0.37	5.78	0.16	0.06		3.32	0.18		3	2	+80041
+80042	20 50 2	+80 22.1	4	5.25	0.3	0.6	2.77	0.09	0.56	4.53	0.10	0.06		1.76	0.13		3	2	+80042
+80043	21 10 7	+75 40.9	6	0.12	0.7	0.1	2.95	0.13	0.19	7.70	0.21	0.06		4.75	0.25		2	2	+80043
+80044	21 16 13	+76 48.3	5	1.87	0.5	0.1	2.31	0.08	0.25	4.60	0.11	-		2.29	0.14		2	1	+80044
+80045	21 20 45	+77 38.4	5	1.87	0.5	0.4	2.37	0.09	0.44	8.35	0.25	9.37		5.98	0.27	I	2	2	+80045
+80046	21 20 50	+75 58.4	5	0.12	0.7	0.1	2.89	0.11	1.12	7.42	0.40	-		4.53	0.41		2	1	+80046
+80047	21 21 45	+79 33.4	4	9.50	0.3	1.7	2.43	0.07	1.25	6.18	0.09	0.56		3.75	0.11		4	2	+80047
+80048	21 35 54	+78 24.1	5	5.87	0.3	0.2	-0.15	0.06	0.06	5.25	0.07	2.06		5.40	0.09		2	2	+80048
+80049	21 41 34	+76 9.7	5	0.12	0.3	0.1	1.28	0.07	0.37	6.85	0.28	-		5.57	0.29		2	1	+80049
+80050	21 46 38	+78 47.1	5	7.25	0.3	0.6	2.30	0.08	0.06	5.61	0.08	0.06		3.31	0.11		2	2	+80050

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+80001	0 0 1 0 0 1 0 0 0 0	7.10	MA				+75	4		-5	-0.1	+80001
+80002	0 0 1 0 0 1 0 0 0 0	8.80	MA				+75	22		6	0.0	+80002
+80003	0 0 1 0 0 1 0 0 0 0	8.60					+78	44		7	0.0	+80003
+80004	0 0 1 0 0 1 0 0 0 0	7.42	K			2378	+75	83		-4	0.2	+80004
+80005	0 0 1 0 0 1 0 0 0 0											+80005
+80006	0 0 1 0 0 1 0 0 0 0	6.86	MO			3033	+76	81		5	-0.3	+80006
+80007	0 0 1 0 0 1 1 0 0 0	5.46	M1	III	881	3638	+78	103		-2	-0.1	+80007
+80008R	0 0 1 0 0 1 1 0 0 0	7.42	MO			3678	+75	124		0	0.1	+80008
+80009	0 0 1 0 0 0 0 0 0 0	6.70	M3			4466	+79	110	SS CEP	9	-0.1	+80009
+80010	0 0 1 0 0 0 0 0 0 0	5.33	G6	G	1317	5265	+80	133		9	-1.1	+80010
+80011	0 0 0 3 0 0 2 0 0 0	6.18	MO	G	1844	6938	+74	252		3	0.4	+80011
+80012	0 0 0 2 0 0 3 0 0 0	6.37	K5		2078	7606	+75	247		3	0.6	+80012
+80013R	0 0 0 2 0 0 2 0 0 0	8.20	MA				+76	228		1	0.6	+80013
+80014	0 0 0 2 0 0 3 0 0 0	5.80	K5	G	2363	8574	+78	227		3	-0.2	+80014
+80015	0 0 0 2 0 0 2 0 0 0	7.60	MB				+77	256		4	-0.2	+80015
+80016	0 0 0 2 0 0 2 0 0 0	4.54	K4	III	2527	9073	+77	266		3	0.0	+80016
+80017	0 0 0 2 0 0 2 0 0 0											+80017
+80018	0 0 0 2 0 0 1 0 0 0	8.80	MB				+79	286	RS CAM	3	0.2	+80018
+80019	0 0 0 2 0 0 1 0 0 0	7.30	M3			12105	+78	293		6	-0.4	+80019
+80020	0 0 0 2 0 0 1 0 0 0	4.84	KO	III	4126	14507	+76	393		-5	-0.3	+80020
+80021	0 0 0 2 0 0 1 0 0 0	7.04	MO			14977	+77	412		-4	0.0	+80021
+80022	0 0 0 1 0 0 1 0 0 0	7.38	MO			15322	+78	375		-12	-0.1	+80022
+80023	0 0 0 2 0 0 1 0 0 0											+80023
+80024	0 0 0 2 0 0 1 0 0 0	6.71	K5			15932	+78	392		1	-0.4	+80024
+80025	0 1 0 2 0 0 1 0 0 0	6.52	K5		5131	18390	+77	516		-9	-0.5	+80025
+80026	0 1 0 1 1 0 1 0 0 0	4.82	K3	III	5321	19142	+78	478		-9	-0.1	+80026
+80027	0 2 0 1 1 0 1 0 0 0											+80027
+80028	0 1 0 1 1 0 1 0 0 0	4.25	K4	III	5430	19548	+76	527		-7	-0.1	+80028
+80029	0 1 0 0 1 0 0 0 0 0	6.96	MO			20131	+75	545		1	0.0	+80029
+80030	0 1 0 0 1 0 0 0 0 0	9.40					+79	467	S UMI	-8	1.3	+80030
+80031	0 1 0 0 1 0 0 0 0 0	5.14	K5	III	5826	20952	+77	592		-1	0.0	+80031
+80032	0 1 0 0 0 0 0 0 0 0	5.72	K5	G	6529	23599	+80	544		6	0.0	+80032
+80033	0 1 0 0 1 0 0 0 0 0	6.23	K5		6717	24370	+78	616		0	-0.3	+80033
+80034	0 1 0 0 0 0 0 0 0 0											+80034
+80035	0 1 0 0 1 0 0 0 0 0	5.74	K4	G	7006	25372	+77	699		-9	-0.5	+80035
+80036	0 1 0 0 1 0 0 0 0 0	5.80	N3			26826	+76	734	UX DRA	-8	0.3	+80036
+80037	0 1 0 0 1 0 0 0 0 0	8.10	K5				+78	694		-2	0.0	+80037
+80038	0 2 1 0 2 0 0 0 0 0	6.20	M3	III	7686	27809	+76	771		-5	0.2	+80038
+80039	0 1 0 0 0 0 0 0 0 0								BD CEP	1	0.3	+80039
+80040	0 1 1 0 1 0 0 0 0 0	9.40	MC				+74	861	UU DRA	-1	-0.4	+80040
+80041	0 2 1 0 0 0 0 0 0 0	9.00	MB				+79	683		0	0.7	+80041
+80042	0 2 1 0 0 0 0 0 0 0	5.47	K1	G	8016	29107	+80	672		7	0. 2	+80042
+80043	0 0 1 0 1 0 0 0 0 0											+80043
+80044	0 0 1 0 1 0 0 0 0 0	6.00	K5	G	8168	29816	+76	833		-4	0.1	+80044
+80045	0 0 1 0 1 0 0 0 0 0	9.30					+77	817		-19	-2.2	+80045
+80046	0 0 1 0 1 0 0 0 0 0											+80046
+80047	0 0 2 0 2 0 0 0 0 0	8.70	MB				+79	702		13	0.2	+80047
+80048	0 0 1 0 1 0 0 0 0 0	7.00	N8E			30287	+77	827	S CEP	1	0.1	+80048
+80049	0 0 1 0 1 0 0 0 0 0								AM CEP	0	0.7	+80049
+80050	0 0 1 0 1 0 0 0 0 0	8.18	M3			30542	+78	762		0	0.0	+80050

NO.	RA(1950)			DEC(1950)		RA		DEC		K			I			Q	I-K		CHI-SQ	NK	NI	NO.
	H	M	S	D	M	ER	CHI	ER	CHI	MAG	ER	CHI	MAG	ER	CHI		MAG	ER	EXCESS			
+80051	21	52	55	+79	18.9	5	3.25	0.5	0.7	2.36	0.10	0.12	5.05	0.07	0.69		2.69	0.12		2	2	+80051
+80052	21	55	24	+80	4.4	7	-	0.5	-	1.00	0.12	-	4.08	0.23	-		3.08	0.26		1	1	+80052
+80053	21	57	18	+76	23.9	4	1.50	0.3	0.4	2.97	0.10	0.19	7.62	-	-	Q	4.65	-		3	3	+80053
+80054	22	35	46	+77	20.7	4	1.12	0.3	1.3	2.28	0.07	1.03	5.63	0.06	1.31		3.35	0.09		3	3	+80054
+80055	22	36	11	+75	6.9	4	2.00	0.3	0.5	1.83	0.04	0.25	4.33	0.07	1.00		2.50	0.08		4	4	+80055
+80056	23	6	21	+75	6.6	4	0.37	0.5	6.9	2.46	0.07	0.09	3.87	0.06	1.41		1.41	0.09		3	3	+80056
+80057	23	37	19	+77	21.4	4	4.31	0.3	0.2	0.89	0.04	0.37	*	-	-		-	-		3	0*	+80057

NO.	OBSERVATIONAL RECORD . 65 . 66 . 67 .	V	TYPE	CLASS	BS=HR	OTHER CATALOGS GC	DM		VAR	DA S	DD M	NO.
+80051	0 0 1 0 1 0 0 0 0 0	6.80	K5			30681	+78	768		7	0.0	+80051
+80052	0 0 1 0 0 0 0 0 0 0	6.60	M3			30730	+79	721		10	0.1	+80052
+80053	0 0 1 0 1 1 0 0 0 0											+80053
+80054	0 0 1 0 1 1 0 0 0 0	8.00	MB				+76	865		1	0.4	+80054
+80055	0 0 1 0 2 1 0 0 0 0	5.90	M1	G	8625	31604	+74	978		1	0.2	+80055
+80056	0 0 1 0 1 1 0 0 0 0	4.42	G2	III	8819	32237	+74	1006		3	-0.4	+80056
+80057	0 0 1 0 1 1 0 0 0 0	3.22	K1	IV	8974	32875	+76	928		2	0.2	+80057

NO.	K MAG	K ER	I MAG	I ER	DAY 243	NO.	K MAG	K ER	I MAG	I ER	DAY 243	NO.	K MAG	K ER	I MAG	I ER	DAY 243
+80005	2.99	0.32	8.04	0.58	9028												
+80005	2.29	0.10	8.29	0.40	9376												
+80023	0.63	0.12	5.22	0.13	9171												
+80023	0.59	0.07	5.30	0.08	9176												
+80023	0.68	0.07	5.53	0.08	9541												
+80033	2.85	0.13	5.03	0.07	8925												
+80033	2.90	0.11	5.25	0.07	9332												
+80045	2.25	0.18	6.52	0.26	9028												
+80045	2.40	0.10	8.51	0.28	9332												

NO.	REMARKS
+80008	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)
+80013	2 UNRESOLVED STARS PROBABLY CONTRIBUTE TO K AND I MAGS (S.A.O. SEARCH)

NASA-Langley, 1969 —— 30

"The aeronautical and space activities of the United States shall be conducted so as to contribute . . . to the expansion of human knowledge of phenomena in the atmosphere and space. The Administration shall provide for the widest practicable and appropriate dissemination of information concerning its activities and the results thereof."

—NATIONAL AERONAUTICS AND SPACE ACT OF 1958

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